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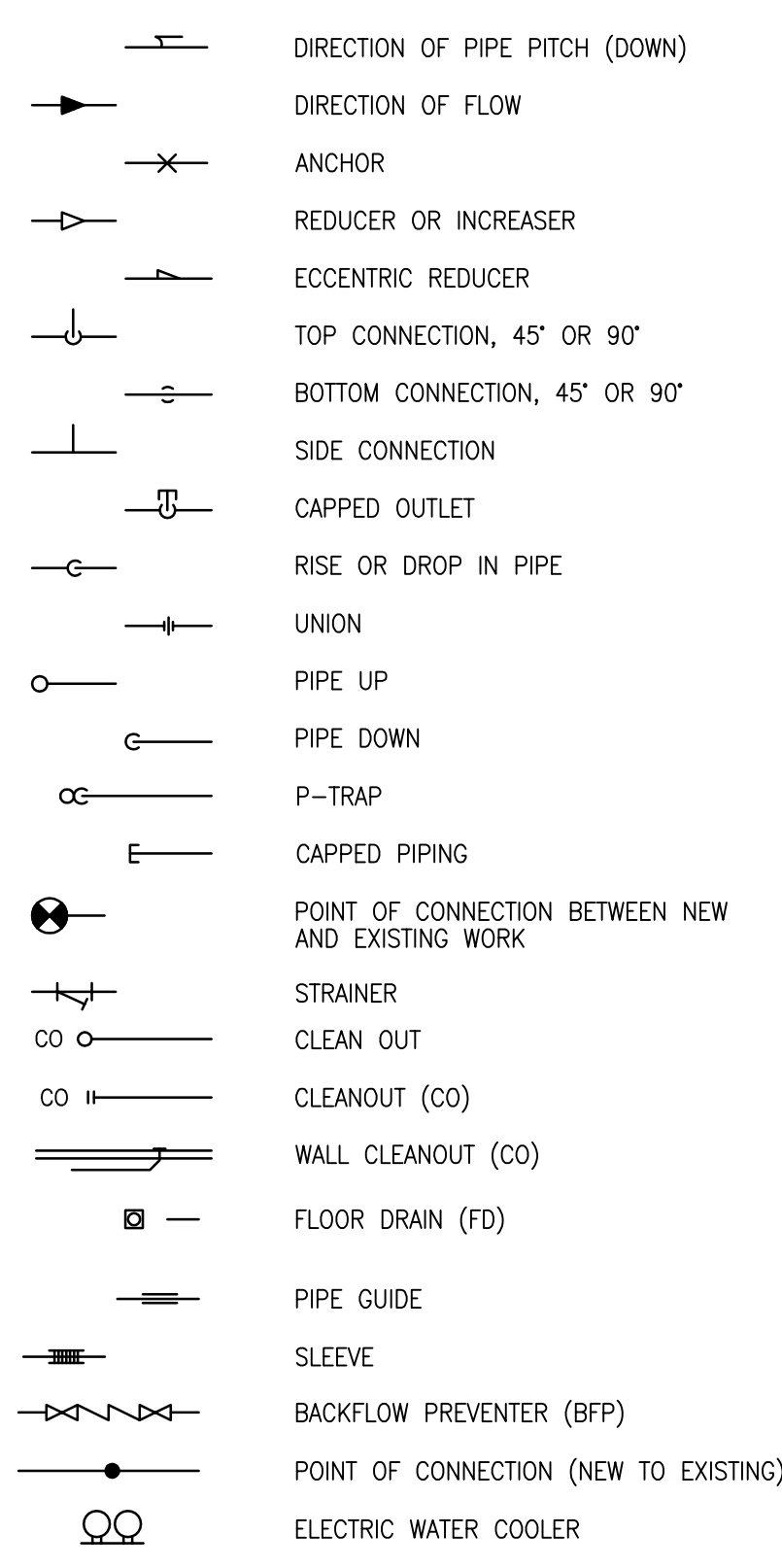
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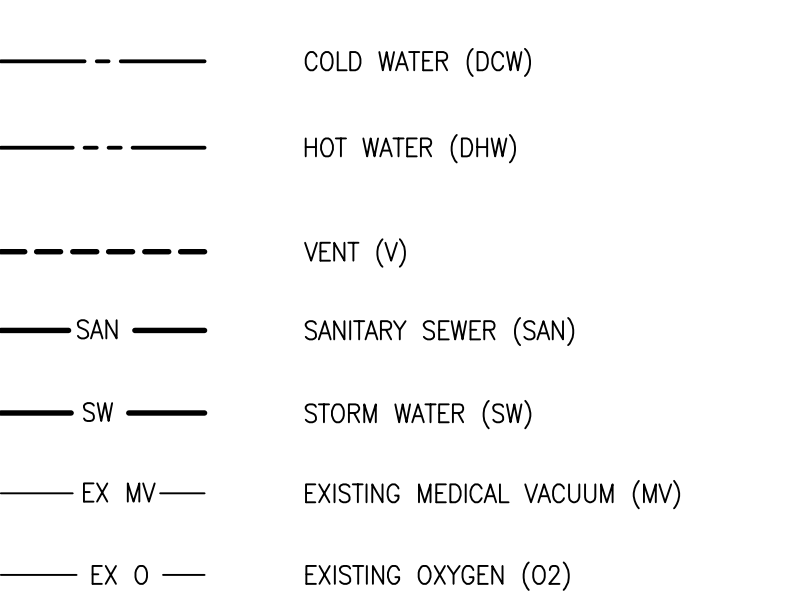
A1 PLUMBING ABBREVIATIONS

ABV	ABOVE
AP	ACCESS PANEL
AFH	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
B/S	BELOW SLAB
BFP	REDUCED PRESSURE BACKFLOW PREVENTER
BLDG	BUILDING
BOB	BOTTOM OF BEAM
BOP	BOTTOM OF PIPE
BV	BALL VALVE
CI	CAST IRON
CLG	CEILING
CD	CLEANOUT
CONN.	CONNECTION
CONT.	CONTINUED
CS	CLINICAL SINK
DCV	DOUBLE CHECK VALVE
DCW	DOMESTIC COLD WATER
DF	DRINKING FOUNTAIN
DHW	DOMESTIC HOT WATER
DHW/R	DOMESTIC HOT WATER RETURN
DA	DIAMETER
DIM	DIMENSION
DN	DOWN
DW	DRINKING WATER
DWG	DRAWING
EA	EACH
EEW	EMERGENCY EYE WASH
ESH	ELECTRICAL
EWC	ELECTRIC WATER COOLER
EWS	EYE WASH STATION
EX	EXISTING
EXIST	EXISTING
FCD	FLOOR CLEANOUT
FD	FLOOR DRAIN
FF	FINISHED FLOOR
FLR	FLOOR
FT	FOOT/FEET
FU	FIXTURE UNITS
GAL	GALLON
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HVAC	HEATING-VENTILATION-AIR CONDITIONING
IM	ICE MACHINE
IN	INCHES
LAV	LAVATORY
MECH	MECHANICAL
MER	MECHANICAL EQUIPMENT ROOM
MSB	MOP SERVICE BASIN
MTD	MOUNTED
MV	MEDICAL VACUUM
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
O2	OXYGEN
PLBG	PLUMBING
POC	POINT OF CONNECTION
QTY	QUANTITY
RD	ROOF DRAIN
RL	ROOF LEADER
RPZ	REDUCED PRESSURE ZONE
RWL	RAIN WATER LEADER
SAN	SANITARY SEWER
SK	SINK
STK	STACK
SW	STORM WATER
TMV	THERMOSTATIC MIXING VALVE
TP	TRAP PRIMER
TW	TEMPERED WATER
TYP	TYPICAL
V	VENT
VIF	VERIFY IN FIELD
VO	MEDICAL VACUUM AND OXYGEN RISER
VS	VENT STACK
VV	VAPOR VENT
W	WASTE
W/	WITH
WC	WATER CLOSET
WCO	WALL CLEANOUT
WHA	WATER HAMMER ARRESTOR
W/O	WITHOUT
WR	WATER RISER
WS	WASTE STACK

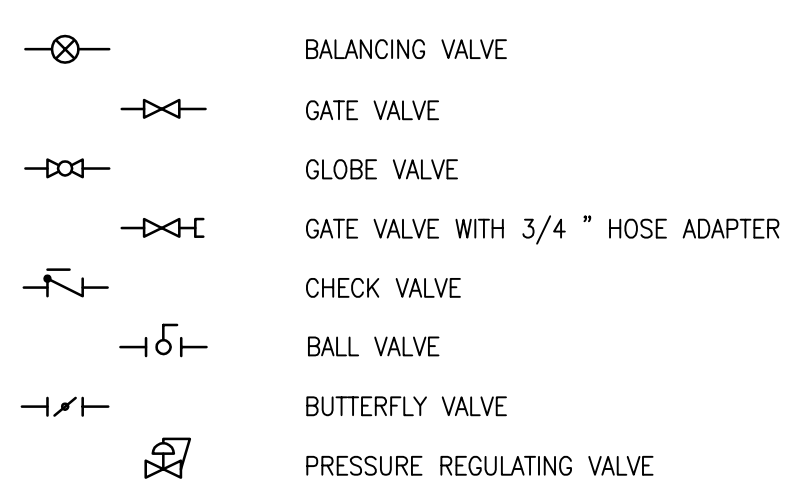
A2 GENERAL PLUMBING SYMBOLS



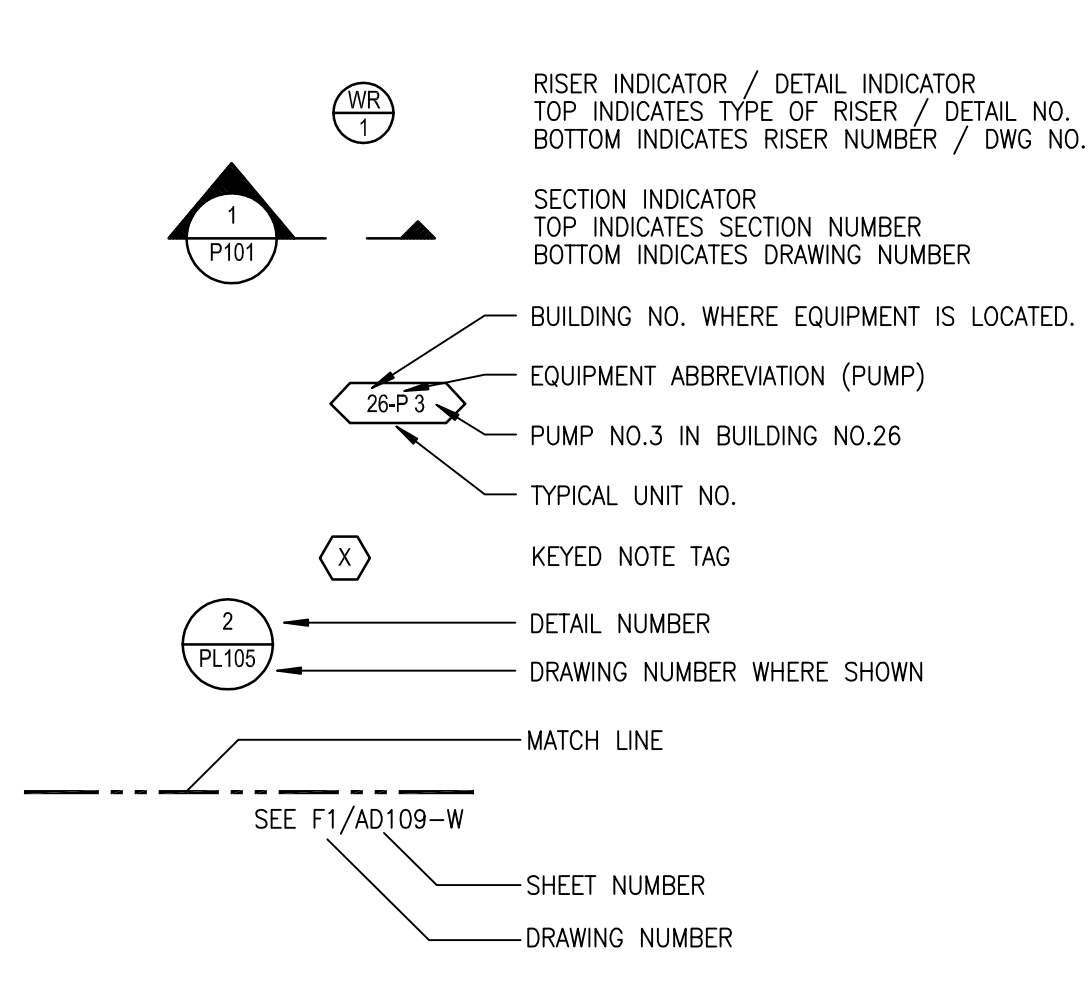
C2 PLUMBING PIPING SYMBOLS



D2 PLUMBING VALVE SYMBOLS



E2 DRAWING SYMBOLS



A4 GENERAL NOTES

- ALL VALVES SHALL BE READILY ACCESSIBLE FROM A SAFE HEIGHT ON A SIX FOOT LADDER AND TO BE CLEAR OF ALL OBSTRUCTIONS. OPERATION SHALL NOT TO BE ENCUMBERED BY ANY DEVICE OR EQUIPMENT.
- ALL WATER PIPING SUPPLYING FIXTURES FROM WALLS OR CHASES SHALL BE PIPED FROM A FULL SIZED HORIZONTAL MANIFOLD. VERTICAL BRANCHES FROM THE MANIFOLD, INCLUDING AIR CHAMBERS, SHALL BE ONE PIPE SIZE LARGER THAN THE SIZE INDICATED UNDER "CONNECTIONS" OF THE FIXTURE SPECIFICATIONS. SEE PLANS FOR SUPPLY PIPE SIZING TO WALLS OR CHASES.
- COORDINATE SCHEDULE FOR HOOK-UPS TO EXISTING SYSTEMS AND EQUIPMENT REMOVAL OR RELOCATIONS WITH THE VETERAN'S ADMINISTRATION (VA). PERFORM THIS WORK AT SUCH TIMES TO ENSURE THAT PERIODS OF SHUTDOWN WILL BE ACCEPTABLE TO THE VETERANS AFFAIRS (VA).
- VERIFY EXACT LOCATION OF CONNECTION POINTS (NEW TO EXISTING) IN FIELD PRIOR TO CONSTRUCTION.
- COORDINATE INSTALLATION OF NEW PIPING WITH EXISTING BUILDING STRUCTURE, DUCTWORK, PIPING, ELECTRICAL CONDUIT, LIGHTING, ETC.
- REFER TO ARCHITECTURAL ELEVATION DRAWINGS FOR LOCATION OF WALL MOUNTED MECHANICAL ITEMS.
- THIS PLAN IS APPROVED FOR WORK INDICATED PER THE APPLICABLE DRAWINGS AND SPECIFICATIONS ONLY. ALL OTHER AREAS SHOWN ARE FOR REFERENCE ONLY AND SHALL NOT BE CONSIDERED OR APPROVED TO BE IN ACCORDANCE WITH APPLICABLE CODES OR AUTHORITY HAVING JURISDICTION.
- NOT ALL PIPING AND PIPE SIZES ARE SHOWN ON THE DRAWINGS FOR CLARITY. REFER TO STACK DIAGRAMS, WATER RISERS, AND MEDICAL GAS RISER FOR ADDITIONAL PIPING AND SIZES.
- ALL EXISTING BUILDING UTILITIES HAVE BEEN DOCUMENTED FROM AVAILABLE DRAWINGS, RECORDS, AND FIELD SURVEY AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION AND SIZE OF ALL EXISTING UTILITIES BEFORE BEGINNING WORK.
- THE SPACE ABOVE THE CEILING IS LIMITED AND THE INSTALLATION OF WORK WILL BE TIGHT. DUE TO THIS, IT IS IMPORTANT THAT THE TRADE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THEIR WORK WITH THE CEILING SYSTEM HEIGHT AND CONSTRUCTION. THE STRUCTURAL SYSTEM, THE LIGHTING FIXTURES, THE SPRINKLER HEADS/MAINS, AND THE PLUMBING PIPES, ROUTE PIPING AS HIGH AS POSSIBLE. MAINTAIN PROPER SERVICE ACCESS CLEARANCE. ACCURATE SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL, PRIOR TO FIELD INSTALLATION.
- DO NOT INSTALL ANY NEW WORK DIRECTLY ABOVE ANY ELECTRICAL PANELS AND TRANSFORMERS.
- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT SHOW EXACT ROUTING OR ALL REQUIRED OFFSETS, ACCESSORIES, OR APPURTENANCES. CONTRACTOR SHALL PROVIDE AS REQUIRED TO INSTALL A COMPLETE AND COORDINATED JOB, INCLUDING ANY ADDITIONAL ITEMS REQUIRED TO MEET ACTUAL FIELD CONDITIONS AND ACTUAL EQUIPMENT SELECTED.
- FOR EXACT LOCATION OF EQUIPMENT AND FIXTURES, SEE ARCHITECTURAL DRAWINGS.
- SIEISMIC CATEGORY SHALL BE CLASS D. PROVIDE BRACING AS REQUIRED.

Revisions	Date
ISSUED FOR CONSTRUCTION	08/15/2013

CONSULTANTS:
ASBESTOS ABATEMENT CONSULTANT:
<b>Egan Environmental Consulting, Inc.</b>
14 HIGH STREET
MAHWAH, NEW JERSEY 07430
Tel: (201) 848-7790 Fax: (201) 848-7791

KEY PLAN:
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ARCHITECT/ENGINEERS:
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**CANNON**DESIGN

360 Madison Avenue, New York, New York 10017 212.972.9800

Baltimore ■ Boston ■ Buffalo ■ Calgary ■ Chicago  
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Drawing Title	PLUMBING GENERAL NOTES, ABBREVIATIONS AND SYMBOLS
Approved Project Director	

Project Title	VA NY HARBOR HEALTHCARE SYSTEM MANHATTAN VAMC - BUILDING 1 9TH FLOOR RENOVATIONS
Location	423 EAST 23RD STREET NEW YORK, NY 10010
Date	AUGUST 15, 2013
Checked	RWM
Drawn	ZMS

BUILDING IS FULLY SPRINKLERED

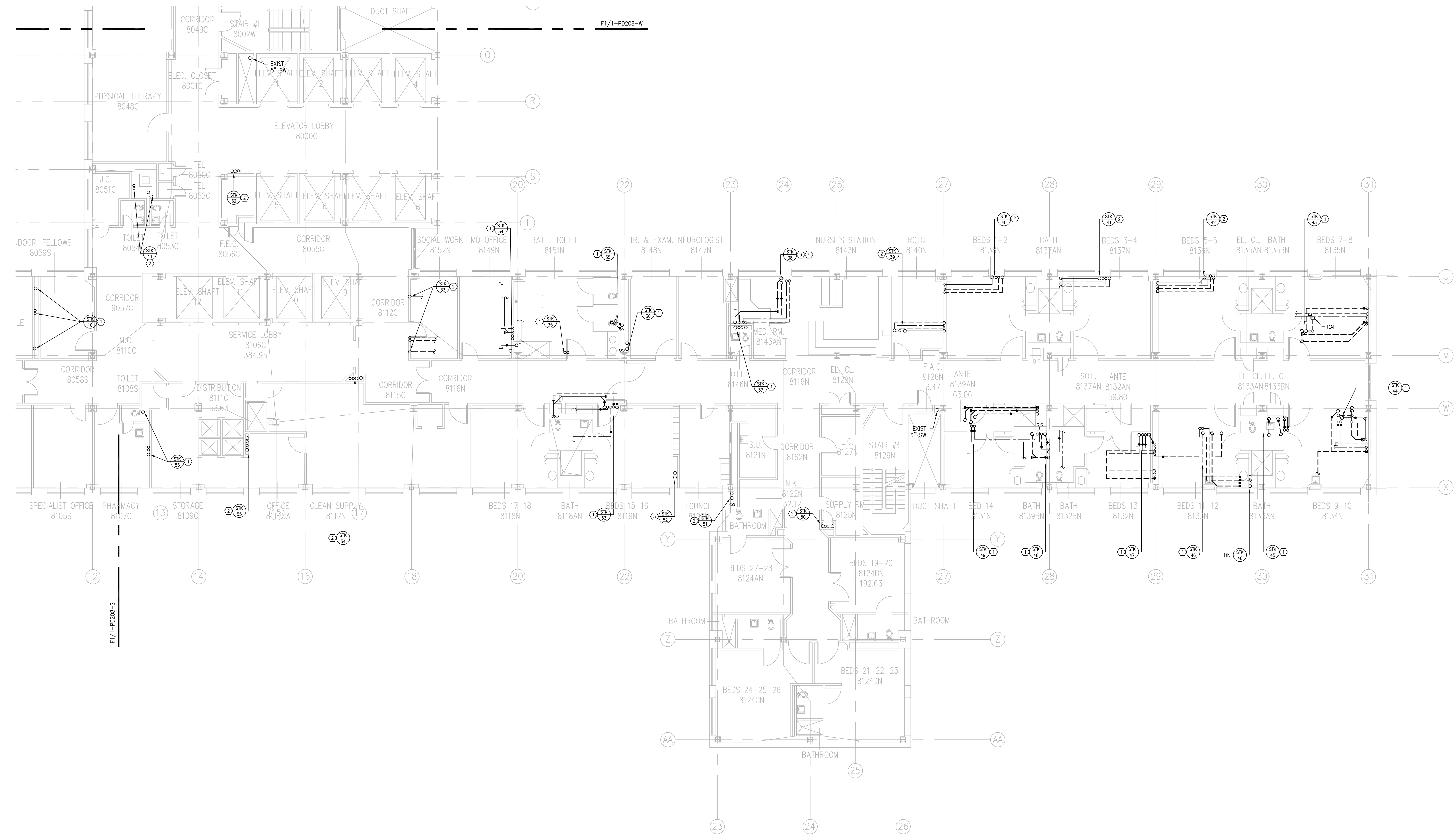
Project Number	630PR2600
Building Number	1
Drawing Number	1-PP001

Office of  
Construction &  
Facilities  
Management

**VA** U.S. Department  
of Veterans Affairs

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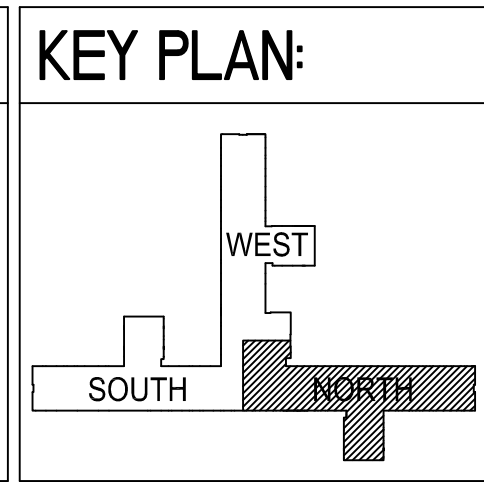
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**F1 PLUMBING DEMOLITION PLAN 8TH FLOOR - NORTH**  
SCALE: 1/8" = 1'-0"

Revisions:	Date
ISSUED FOR CONSTRUCTION	08/15/2013

**CONSULTANTS:**  
  
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**Drawing Title**  
PLUMBING DEMOLITION PLAN  
8TH FLOOR - NORTH  
  
**Approved Project Director**

**Project Title**  
VA NY HARBOR HEALTHCARE SYSTEM  
MANHATTAN VAMC - BUILDING 1  
9TH FLOOR RENOVATIONS  
  
**Location** 423 EAST 23RD STREET  
NEW YORK, NY 10010  
  
**Date** AUGUST 15, 2013  
**Checked** RWM  
**Drawn** ZMS

**Project Number** 630PR2600  
**Building Number** 1  
  
**Drawing Number** 1-PD208-N

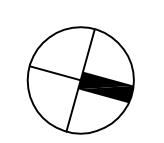
**Office of Construction & Facilities Management**  
  
**VA U.S. Department of Veterans Affairs**

**GENERAL DEMOLITION NOTES**

- DEMOLITION INFORMATION SHOWN ON THE DRAWINGS IS BASED ON SHOP DRAWINGS AND A REVIEW OF THE EXISTING CONDITIONS.
- PERFORM ALL WORK OF A DEMOLITION NATURE THAT MAY BE REQUIRED OR NECESSARY FOR A FULL AND COMPLETE EXECUTION OF THE WORK, WHETHER OR NOT SHOWN OR SPECIFIED. THE EXACT EXTENT OF DEMOLITION MAY NOT BE FULLY INDICATED BY THE DRAWINGS. DETERMINE THE NATURE AND EXTENT OF DEMOLITION THAT WILL BE NECESSARY BY COMPARING THE CONTRACT DOCUMENTS WITH THE EXISTING FIELD CONDITIONS PRIOR TO BIDS.
- MATERIALS AND EQUIPMENT TO BE SALVAGED OR REUSED SHALL BE IDENTIFIED BY THE VETERAN'S ADMINISTRATION. THESE ITEMS ARE THE PROPERTY OF THE OWNER AND SHALL BE RETURNED TO THE VETERAN'S ADMINISTRATION (VA) DESIGNATED STORAGE AREA. WHERE REMOVAL IS REQUIRED THE CONTRACTOR SHALL BE RESPONSIBLE FOR CARE TAKEN DURING THE HANDLING OF THESE ITEMS.
- DEMOLISHED MATERIALS AND EQUIPMENT NOT BEING SALVAGED OR REUSED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.
- WHERE EXISTING FIXTURES ARE INDICATED TO BE DEMOLISHED, THIS SHALL INCLUDE ALL ASSOCIATED PIPING, CARRIERS, SUPPORTS, SLEEVES, HANGERS, FITTINGS, AND OTHER ACCESSORIES. PIPING SHALL BE REMOVED TO A LOCATION ABOVE CEILING OR BEHIND WALLS AND CAPPED. HOWEVER NO INACTIVE BRANCH OF MORE THAN 2 FEET IN LENGTH CAN REMAIN ON ANY PIPE. CONTRACTOR SHALL REMOVE AS REQUIRED.
- WHERE DEMOLITION OF FIXTURE AND REMOVAL OF PIPING OR OTHER ACCESSORY LEAVES AN OPENING IN THE FLOOR, WALL, OR CEILING, SAME SHALL BE PATCHED AND FIRED SALED TO MATCH EXISTING ADJACENT FINISH.

**SPECIFIC DEMOLITION NOTES**

- DISCONNECT AND REMOVE EXISTING SAN, V, DOW AND DHW FROM UNDERSIDE OF 8TH FLOOR UP TO UNDERSIDE OF 10TH FLOOR. STACKS AND RISERS TO BE RELOCATED. PREPARE PIPING FOR NEW CONNECTION.
- EXISTING SAN, V STACKS AND DOW, DHW RISERS TO REMAIN.
- DISCONNECT AND REMOVE EXISTING SAN, V, FROM UNDERSIDE OF 8TH FLOOR UP TO UNDERSIDE OF 10TH FLOOR STACKS TO BE RELOCATED. PREPARE PIPING FOR NEW CONNECTION.
- EXISTING DOW & DHW RISERS TO REMAIN.
- DISCONNECT AND REMOVE EXISTING DOW AND DHW FROM UNDERSIDE OF 8TH FLOOR UP TO UNDERSIDE OF 10TH FLOOR. STACKS AND RISERS TO BE RELOCATED. PREPARE PIPING FOR NEW CONNECTION.



BUILDING IS FULLY SPRINKLERED Scale: 1/8" = 1'-0"





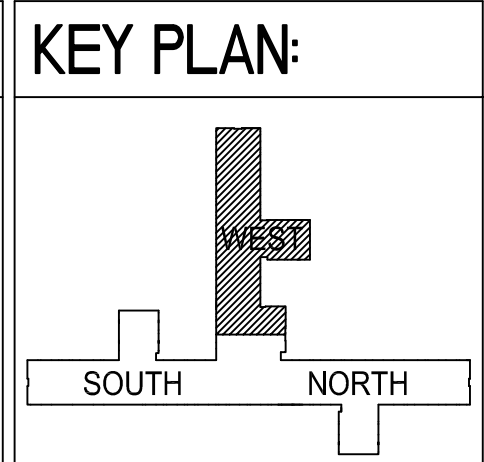
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**F1 PLUMBING DEMOLITION PLAN 8TH FLOOR - WEST**  
SCALE: 1/8" = 1'-0"

**CONSULTANTS:**  
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**Drawing Title**  
PLUMBING DEMOLITION PLAN  
8TH FLOOR - WEST  
**Approved Project Director**

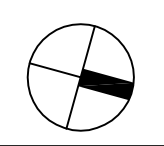
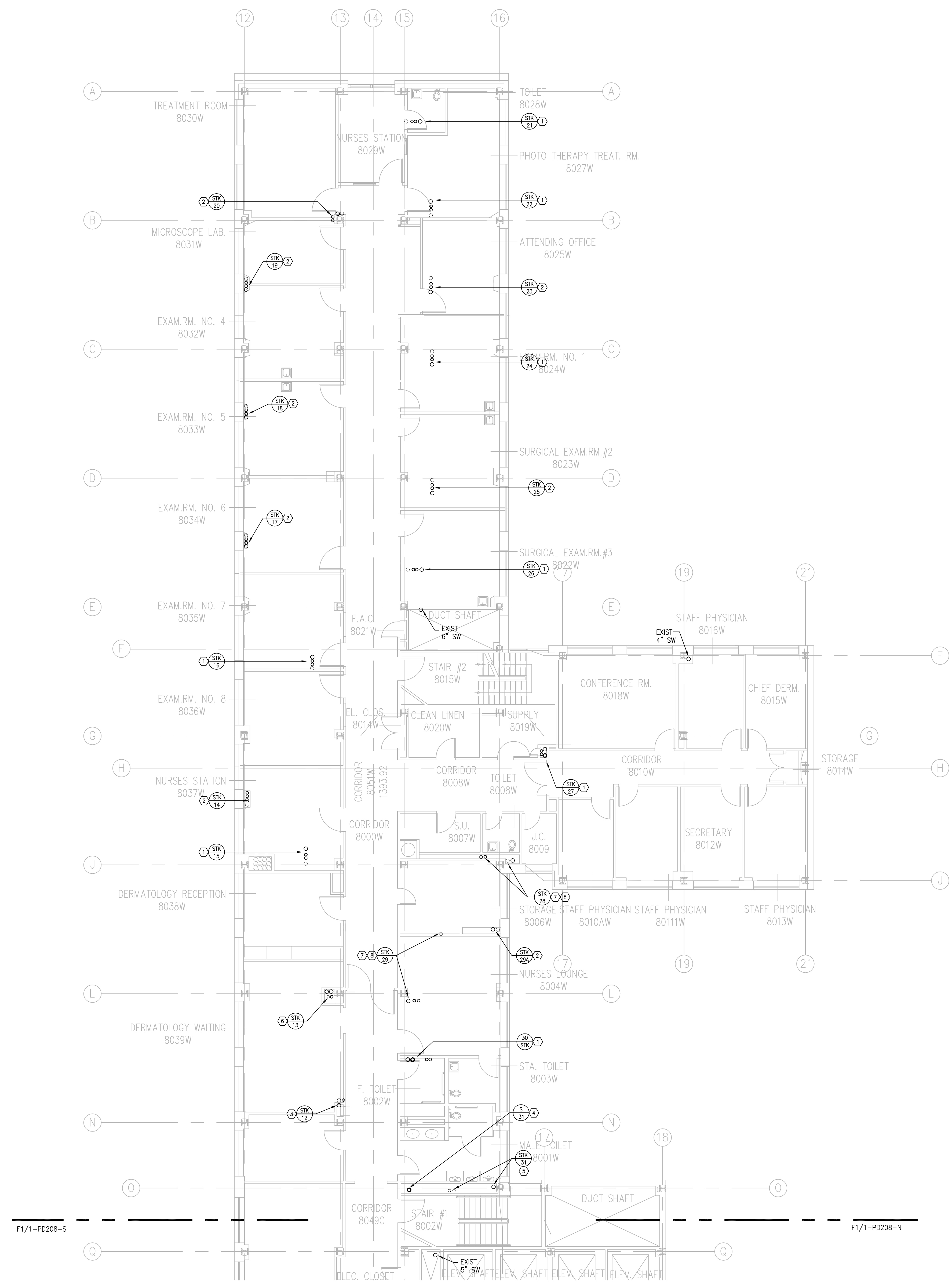
**Project Title**  
VA NY HARBOR HEALTHCARE SYSTEM  
MANHATTAN VAMC - BUILDING 1  
9TH FLOOR RENOVATIONS  
**Location** 423 EAST 23RD STREET  
NEW YORK, NY 10010  
**Date** AUGUST 15, 2013  
**Checked** RWMM  
**Drawn** ZMS

**Project Number** 630PR2600  
**Building Number** 1  
**Drawing Number** 1-PD208-W

**Office of Construction & Facilities Management**  
**VA U.S. Department of Veterans Affairs**

- GENERAL DEMOLITION NOTES**
- DEMOLITION INFORMATION SHOWN ON THE DRAWINGS IS BASED ON SHOP DRAWINGS AND A REVIEW OF THE EXISTING CONDITIONS.
  - PERFORM ALL WORK OF A DEMOLITION NATURE THAT MAY BE REQUIRED OR NECESSARY FOR A FULL AND COMPLETE EXECUTION OF THE WORK, WHETHER OR NOT SHOWN OR SPECIFIED. THE EXACT EXTENT OF DEMOLITION MAY NOT BE FULLY INDICATED BY THE DRAWINGS. DETERMINE THE NATURE AND EXTENT OF DEMOLITION THAT WILL BE NECESSARY BY COMPARING THE CONTRACT DOCUMENTS WITH THE EXISTING FIELD CONDITIONS PRIOR TO BIDS.
  - MATERIALS AND EQUIPMENT TO BE SALVAGED OR REUSED SHALL BE IDENTIFIED BY THE VETERAN'S ADMINISTRATION. THESE ITEMS ARE THE PROPERTY OF THE OWNER AND SHALL BE RETURNED TO THE VETERAN'S ADMINISTRATION (VA) DESIGNATED STORAGE AREA. WHERE REMOVAL IS REQUIRED THE CONTRACTOR SHALL BE RESPONSIBLE FOR CARE TAKEN DURING THE HANDLING OF THESE ITEMS.
  - DEMOLISHED MATERIALS AND EQUIPMENT NOT BEING SALVAGED OR REUSED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.
  - WHERE EXISTING FIXTURES ARE INDICATED TO BE DEMOLISHED, THIS SHALL INCLUDE ALL ASSOCIATED PIPING, CARRIERS, SUPPORTS, SLEEVES, HANGERS, FITTINGS, AND OTHER ACCESSORIES. PIPING SHALL BE REMOVED TO A LOCATION ABOVE, CEILING OR BEHIND WALLS AND CAPPED. HOWEVER NO INACTIVE BRANCH OF MORE THAN 2 FEET IN LENGTH CAN REMAIN ON ANY PIPE. CONTRACTOR SHALL REMOVE AS REQUIRED.
  - WHERE DEMOLITION OF FIXTURE AND REMOVAL OF PIPING OR OTHER ACCESSORY LEAVES AN OPENING IN THE FLOOR, WALL, OR CEILING, SAME SHALL BE PATCHED AND FIRED SAFTED TO MATCH EXISTING ADJACENT FINISH.

- SPECIFIC DEMOLITION NOTES**
- DISCONNECT AND REMOVE EXISTING SAN, V, DCW AND DHW FROM UNDERSIDE OF 8TH FLOOR TO UNDERSIDE OF 10TH FLOOR. STACKS AND RISERS TO BE RELOCATED. PREPARE PIPING FOR NEW CONNECTION.
  - EXISTING SAN, V STACKS AND DCW, DHW RISERS TO REMAIN
  - DISCONNECT AND REMOVE EXISTING SAN & V STACKS AND DW RISER FROM UNDERSIDE OF 8TH FLOOR TO UNDERSIDE OF 10TH FLOOR. STACKS TO BE RELOCATED. PREPARE PIPING FOR NEW CONNECTION.
  - DISCONNECT AND REMOVE EXISTING V FROM UNDERSIDE OF 8TH FLOOR TO UNDERSIDE OF 10TH FLOOR. STACK TO BE RELOCATED. PREPARE PIPING FOR NEW CONNECTION.
  - EXISTING SAN STACK, DCW AND DHW RISERS TO REMAIN.
  - EXISTING SAN STACK, DCW AND DHW RISERS TO REMAIN. DISCONNECT AND REMOVE EXISTING V STACK FROM UNDERSIDE OF 8TH FLOOR TO UNDERSIDE OF 10TH FLOOR. PREPARE V PIPING FOR NEW CONNECTION.
  - DISCONNECT AND REMOVE EXISTING DCW & DHW RISERS FROM UNDERSIDE OF 8TH FLOOR TO UNDERSIDE OF 10TH FLOOR. RISERS TO BE RELOCATED. PREPARE PIPING FOR NEW CONNECTION.
  - EXISTING SAN AND V STACKS TO REMAIN.



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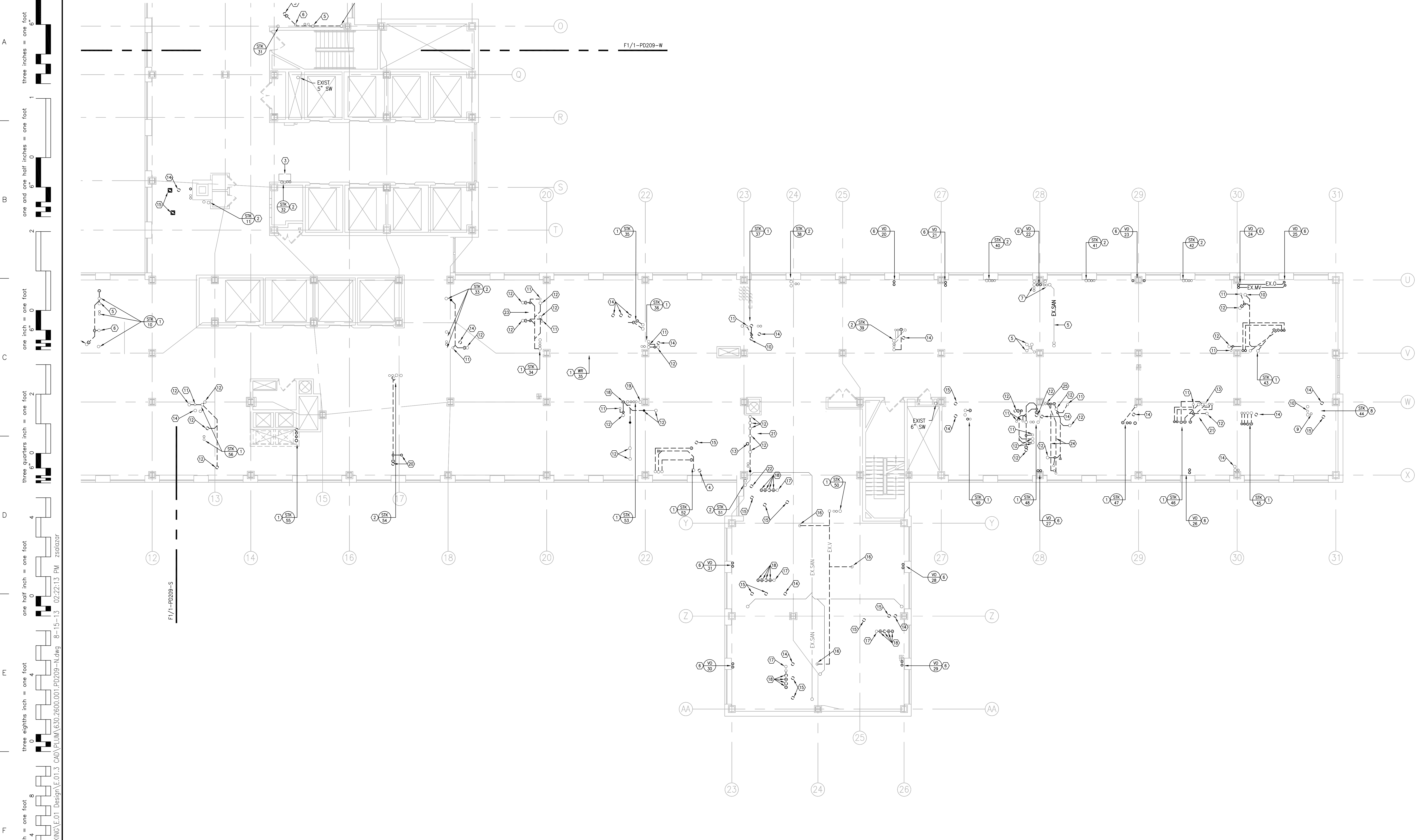
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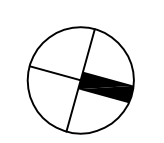
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**F1 PLUMBING DEMOLITION PLAN 9TH FLOOR - NORTH**  
SCALE: 1/8" = 1'-0"



GENERAL DEMOLITION NOTES			
1. DEMOLITION INFORMATION SHOWN ON THE DRAWINGS IS BASED ON SHOP DRAWINGS AND A REVIEW OF THE EXISTING CONDITIONS.			
2. PERFORM ALL WORK OF A DEMOLITION NATURE THAT MAY BE REQUIRED OR NECESSARY FOR A FULL AND COMPLETE EXECUTION OF THE WORK, WHETHER OR NOT SHOWN OR SPECIFIED. THE EXACT EXTENT OF DEMOLITION MAY NOT BE FULLY INDICATED BY THE DRAWINGS. DETERMINE THE NATURE AND EXTENT OF DEMOLITION THAT WILL BE NECESSARY BY COMPARING THE CONTRACT DOCUMENTS WITH THE EXISTING FIELD CONDITIONS PRIOR TO BIDS.			
3. DEMOLISHED MATERIALS AND EQUIPMENT NOT BEING SALVAGED OR REUSED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.			
4. EXISTING ROUGH-IN PIPING AND/OR FLOOR DRAINS ARE INDICATED TO BE DEMOLISHED. THIS SHALL INCLUDE ALL ASSOCIATED PIPING, CARRIERS, SUPPORTS, SLEEVES, HANGERS, FITTINGS, AND OTHER ACCESSORIES. PIPING SHALL BE REMOVED TO A LOCATION ABOVE CEILING OR BEHIND WALLS AND CAPPED. HOWEVER NO INACTIVE BRANCH OF MORE THAN 2 FEET IN LENGTH CAN REMAIN ON ANY PIPE. CONTRACTOR SHALL REMOVE AS REQUIRED.			
5. WHERE DEMOLITION OF FIXTURE AND REMOVAL OF PIPING OR OTHER ACCESSORY LEAVES AN OPENING IN THE FLOOR, WALL, OR CEILING, SAME SHALL BE PATCHED AND FIRED SAFT TO MATCH EXISTING ADJACENT FINISH.			
6. EXISTING PLUMBING FIXTURES WERE REMOVED UNDER PREVIOUS DEMOLITION CONTRACT. REMOVE ALL REMAINING EXISTING SAN AND VENT ROUGH-IN PIPING INCLUDING ALL EXISTING FLOOR DRAINS.			

SPECIFIC DEMOLITION NOTES			
1	DISCONNECT AND REMOVE EXISTING SAN, V, DCW AND DHW RISERS FROM UNDERSIDE OF 10TH FLOOR TO 8TH FLOOR CEILING. STACKS AND RISERS TO BE RELOCATED. PREPARE PIPING FOR NEW CONNECTION.		
2	EXISTING SAN, V STACKS AND DCW, DHW RISERS TO REMAIN.		
3	DISCONNECT AND REMOVE EXISTING DRINKING FOUNTAIN. EXISTING ROUGH-IN TO REMAIN. PREPARE SAN, AND V FOR NEW CONNECTION.		
4	EXISTING SAN STACK TO REMAIN.		
5	EXISTING SAN PIPING TO REMAIN.		
6	EXISTING O AND MV RISERS TO REMAIN.		
7	EXISTING SAN, V, DCW AND DHW RISERS TO REMAIN.		
8	DISCONNECT AND REMOVE EXISTING ABANDONED SAN AND V STACKS DOWN TO 8TH FLOOR CEILING AND CAP.		
9	DISCONNECT AND REMOVE EXISTING DCW RISER FROM 8TH FLOOR CEILING DOWN TO 8TH FLOOR CEILING AND PREPARE PIPES FOR NEW CONNECTION.		
10	DISCONNECT AND REMOVE EXISTING ABANDONED DHW RISER DOWN TO 8TH FLOOR CEILING AND CAP.		
11	DISCONNECT AND REMOVE EXISTING VENT PIPING AT UNDERSIDE OF 10TH FLOOR. PREPARE PIPING FOR NEW CONNECTION.		
12	DISCONNECT AND REMOVE EXISTING SAN PIPING AT UNDERSIDE OF 10TH FLOOR. PREPARE PIPING FOR NEW CONNECTION.		
13	DISCONNECT AND REMOVE EXISTING VV AT UNDERSIDE OF 10TH FLOOR DOWN TO 8TH FLOOR CEILING. PREPARE PIPING FOR NEW CONNECTION.		
14	DISCONNECT AND REMOVE EXISTING WATER CLOSET AND LAV SAN AND VENT ROUGH-IN DOWN TO BELOW FLOOR AND CAP.		
15	DISCONNECT AND REMOVE EXISTING FLOOR DRAIN. CAP EXISTING SAN AND VENT PIPING BELOW FLOOR.		
16	DISCONNECT AND REMOVE EXISTING SAN DOWN AND VENT UP IN ITS ENTIRETY. CAP EXISTING SAN BELOW FLOOR.		
17	DISCONNECT AND REMOVE EXISTING VENT FROM UNDERSIDE OF 10TH FLOOR DOWN TO 8TH FLOOR CEILING AND PREPARE PIPES FOR NEW CONNECTIONS.		
18	DISCONNECT AND REMOVE EXISTING SAN AN/OR V PIPING DOWN TO BELOW FLORA AND CAP.		
19	EXISTING SAN STACK TO REMAIN.		
20	DISCONNECT AND REMOVE EXISTING SAN AND V PIPING BACK TO POINT INDICATED AND CAP.		
21	DISCONNECT AND REMOVE EXISTING MULTIPLE SAN AND VENT ROUGH-IN PIPING DOWN TO BELOW FLOOR AND CAP.		
22	DISCONNECT AND REMOVE EXISTING SAN ROUGH-IN DOWN TO BELOW FLOOR AND CAP.		
23	DISCONNECT AND REMOVE EXISTING SHOWER DRAINS (2) AND ALL ASSOCIATED SAN AND VENT ROUGH-IN DOWN TO BELOW FLOOR AND CAP.		
24	DISCONNECT AND REMOVE EXISTING DCW AND DHW FROM UNDERSIDE OF 10TH FLOOR DOWN TO 8TH FLOOR CEILING AND PREPARE PIPING FOR NEW CONNECTIONS.		
25	EXISTING PIPE TO REMAIN.		

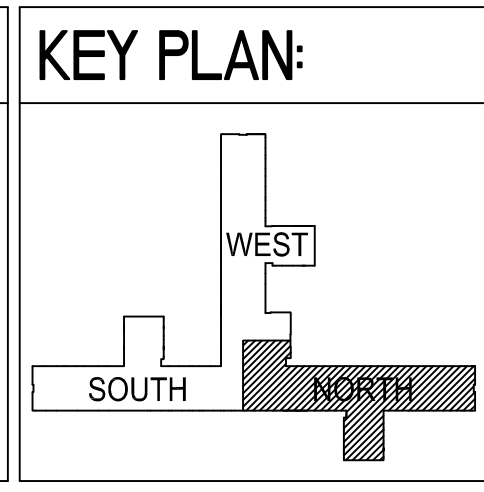
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**ARCHITECT/ENGINEERS:**

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**Drawing Title**  
PLUMBING DEMOLITION PLAN  
9TH FLOOR - NORTH

**Approved Project Director**

**Project Title**  
VA NY HARBOR HEALTHCARE SYSTEM  
MANHATTAN VAMC - BUILDING 1  
9TH FLOOR RENOVATIONS

**Location**  
423 EAST 23RD STREET  
NEW YORK, NY 10010

**Date**  
AUGUST 15, 2013

**Checked**  
RWM

**Drawn**  
ZMS

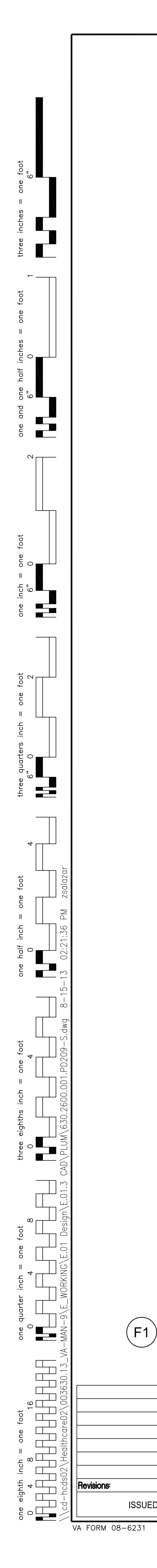
**Project Number**  
630PR2600

**Building Number**  
1

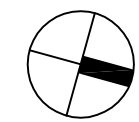
**Drawing Number**  
1-PD209-N

**Office of Construction & Facilities Management**

**VA U.S. Department of Veterans Affairs**



SCALE: 1/8" = 1'-0"



**CONSULTANTS:**

ASBESTOS ABATEMENT CONSULTANT:

*Egan Environmental Consulting, Inc.*

14 HIGH STREET  
MAHWAH, NEW JERSEY 07430

Tel: (201) 848-7790 Fax: (201) 848-7791



	Drawing Title
	PLUMBING DEMOLITION PLAN 9TH FLOOR - SOUTH
	Approved: Project Director

Project Number	630PR2600
Building Number	1
Drawing Number	1-PD209-S

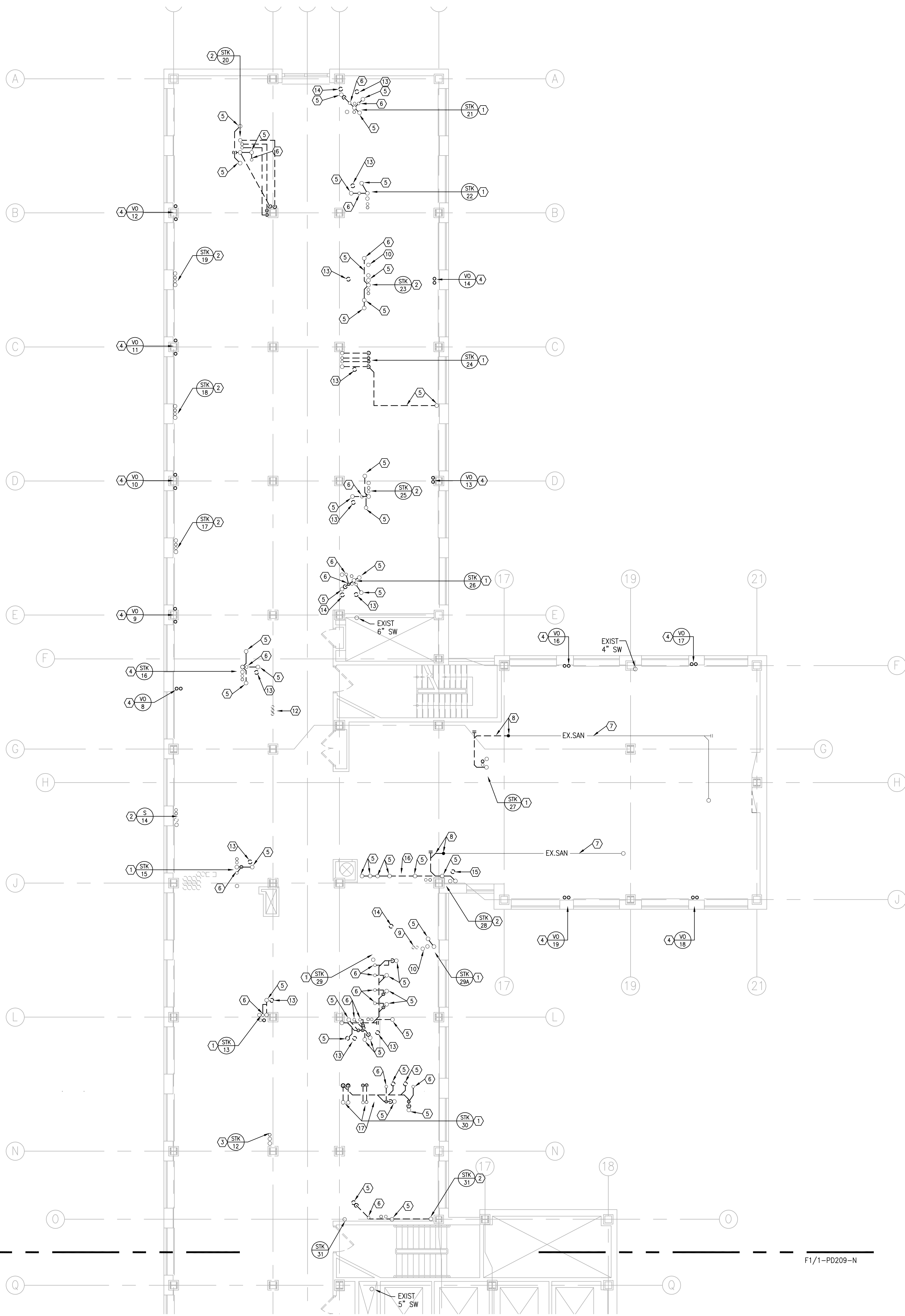
Office of  
Construction &  
Facilities  
Management

**VA** | U.S. Department  
of Veterans Affairs

1. DEMOLITION INFORMATION SHOWN ON THE DRAWINGS IS BASED ON SHOP DRAWINGS AND A REVIEW OF THE EXISTING CONDITIONS.
2. PERFORM ALL WORK OF A DEMOLITION NATURE THAT MAY BE REQUIRED OR NECESSARY FOR A FULL AND COMPLETE EXECUTION OF THE WORK, WHETHER OR NOT SHOWN OR SPECIFIED, THE EXACT EXTENT OF DEMOLITION MAY NOT BE FULLY INDICATED BY THE SHOP DRAWINGS. DETERMINE THE NATURE AND EXTENT OF DEMOLITION THAT WILL BE NECESSARY BY COMPARING THE CONTRACT DOCUMENTS WITH THE EXISTING FIELD CONDITIONS PRIOR TO BEGIN WORK.
3. DEMOLISHED MATERIALS AND EQUIPMENT NOT BEING REUSED OR REUSED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.
4. EXISTING ROUGH-IN PIPING AND/OR FLOOR DRAINS ARE INDICATED TO BE DEMOLISHED. THIS SHALL INCLUDE ALL ASSOCIATED PIPING, FITTINGS, AND SUPPORTS, ELBOWS, HANGERS, FITTINGS, AND OTHER ACCESSORIES. PIPING SHALL BE REMOVED TO A LOCATION ABOVE CEILING OR BEHIND WALLS AND CAPPED OFF. HOLES IN CEILING OR FLOOR MORE THAN 2 FEET IN LENGTH CAN REMAIN ON ANY PIPE. CONTRACTOR SHALL REMOVE AS REQUIRED.
5. WHERE DEMOLITION OF FIXTURE AND REMOVAL OF PIPING OR OTHER ACCESSORY IS REQUIRED, THE FLOOR, WALL, CEILING, OR CEILING, SAME SHALL BE PATCHED AND FIRED TO MATCH TO EXISTING ADJACENT FINISH.
6. EXISTING PLUMBING FIXTURES WERE REMOVED UNDER PREVIOUS DEMOLITION CONTRACT. REMOVE ALL REMAINING PLUMBING SANI AND VENT ROUGH-IN PIPING INCLUDING ALL EXISTING FLOOR DRAINS.

- ① DISCONNECT AND REMOVE EXISTING SAN, V, DOW AND DHW RISERS FROM UNDERSIDE OF 10TH FLOOR TO 8TH FLOOR CEILING. STACKS AND RISERS TO BE RELOCATED. PREPARE PIPING FOR NEW CONNECTION.
- ② EXISTING SAN, V STACKS AND DOW, DHW RISERS TO REMAIN.
- ③ DISCONNECT AND REMOVE EXISTING SAN, V, V STACKS AND DOW RISER FROM UNDERSIDE OF 10TH FLOOR TO 8TH FLOOR CEILING. STACKS TO BE RELOCATED. PREPARE PIPING FOR NEW CONNECTION.
- ④ EXISTING O AND MV RISERS TO REMAIN.
- ⑤ DISCONNECT AND REMOVE EXISTING SAN PIPING AT UNDERSIDE OF 10TH FLOOR BACK TO STACK. PREPARE PIPING FOR NEW CONNECTION.
- ⑥ DISCONNECT AND REMOVE EXISTING VENT PIPING AT UNDERSIDE OF 10TH FLOOR. PREPARE PIPING FOR NEW CONNECTION.
- ⑦ EXISTING SAN PIPING TO REMAIN.
- ⑧ DISCONNECT AND REMOVE EXISTING DOW PIPING FROM POINT INDICATED BACK TO RISER.
- ⑨ DISCONNECT AND REMOVE EXISTING SAN PIPING FROM POINT INDICATED BACK TO STACK.
- ⑩ DISCONNECT AND REMOVE EXISTING VAPOR VENT FROM UNDERSIDE OF 10TH FLOOR DOWN TO 8TH FLOOR CEILING. PREPARE PIPING FOR NEW CONNECTION.
- ⑪ DISCONNECT AND REMOVE EXISTING DOW & DHW ROUGH-IN DOWN TO BELOW FLOOR & CAP.
- ⑫ REMOVE EXISTING WATER CLOSET AND, LAV SAN AND VENT ROUGH-IN DOWN TO BELOW FLOOR AND CAP.
- ⑬ REMOVE EXISTING FLOOR DRAIN AND SAN/VENT PIPING DOWN TO BELOW FLOOR AND CAP.
- ⑭ REMOVE EXISTING MULTIPLE SAN AND VENT ROUGH-IN PIPING DOWN TO BELOW FLOOR AND CAP.
- ⑮ REMOVE EXISTING SHOWER DRAINS (4) AND ALL ASSOCIATED SAN AND VENT ROUGH-IN PIPING DOWN TO BELOW FLOOR AND CAP.
- ⑯ DISCONNECT AND REMOVE EXISTING SAN PIPING FROM POINT INDICATED BACK TO STACK. PREPARE PIPING FOR NEW CONNECTION.
- ⑰ REMOVE EXISTING SAN ROUGH-IN DOWN TO BELOW FLOOR AND CAP.

Scale: 1/8"=1'-0"



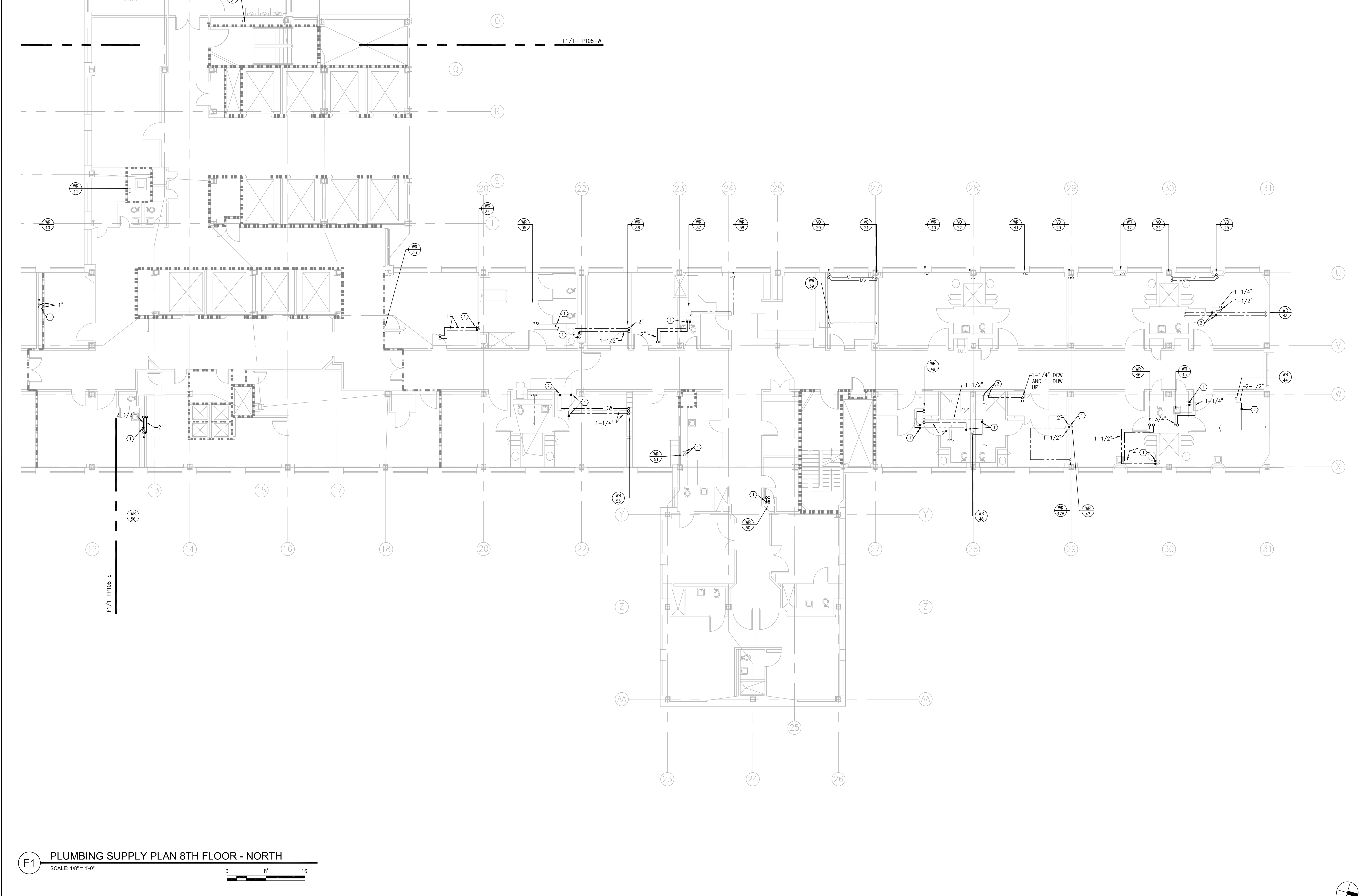
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3. DEMOLISHED MATERIALS AND EQUIPMENT NOT BEING SALVAGED OR REUSED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.
4. EXISTING ROUGH-IN PIPING AND/OR FLOOR DRAINS ARE INDICATED TO BE DEMOLISHED. THIS SHALL INCLUDE ALL EXISTING LOCATED PIPING, INCLUDING BUT NOT LIMITED TO, HANGERS, FITTINGS, AND OTHER ACCESSORIES; PIPING SHALL BE CUT TO A LOCATION ABOVE THE FINISH FLOOR FINISH WALLS AND CAPPED. HOWEVER NO INACTIVE BRANCH OF MORE THAN 2 FEET IN LENGTH CAN REMAIN ON ANY PIPE. CONTRACTOR SHALL REMOVE AS REQUIRED.
5. WHERE DEMOLITION OF FIXTURE AND REMOVAL OF PIPING OR NECESSARY LEAK DETECTION SYSTEMS, THE FLOOR, WALL, OR CEILING, SAME SHALL BE PATCHED AND FIERED SAFE TO MATCH EXISTING ADJACENT FINISH.
6. EXISTING PLUMBING FIXTURES WERE REMOVED UNDER PREVIOUS DEMOLITION CONTRACT. REMOVE ALL REMAINING PLUMBING AND ROUGH-IN PIPING INCLUDING ALL EXISTING FLOOR DRAINS.

- DISCONNECT AND REMOVE EXISTING SAN, V, DOW AND DHW FROM UNDERSIDE OF 10TH FLOOR TO 8TH FLOOR CEILING. STACKS AND RISERS TO BE RELOCATED. PREPARE PIPING FOR NEW CONNECTION.
- EXISTING SAN, V STACKS AND DOW, DHW RISERS TO REMAIN.
- DISCONNECT AND REMOVE EXISTING SAN & V STACKS AND DOW RISER FROM UNDERSIDE OF 10TH FLOOR TO 8TH FLOOR CEILING. STACKS TO BE RELOCATED. PREPARE PIPING FOR NEW CONNECTION.
- EXISTING O AND MV RISERS TO REMAIN.
- DISCONNECT AND REMOVE EXISTING SAN PIPING AT UNDERSIDE OF 10TH FLOOR BACK TO STACK. PREPARE PIPING FOR NEW CONNECTION.
- DISCONNECT AND REMOVE EXISTING VENT PIPING AT UNDERSIDE OF 10TH FLOOR BACK TO STACK. PREPARE PIPING FOR NEW CONNECTION.
- EXISTING SAN PIPING TO REMAIN.
- DISCONNECT AND REMOVE EXISTING SAN PIPING FROM POINT INDICATED. PREPARE PIPING FOR NEW CONNECTION.
- DISCONNECT AND REMOVE EXISTING DOW, AND DHW ROUGH--IN DOWN TO BELOW FLOOR AND CAP.
- DISCONNECT AND REMOVE EXISTING W FROM UNDERSIDE OF 10TH FLOOR DOWN TO 8TH FLOOR CEILING AND PREPARE PIPING FOR NEW CONNECTION.
- EXISTING WV TO REMAIN.
- DISCONNECT AND REMOVE EXISTING DOW, DHW AND SAN ROUGH--IN DOWN TO BELOW FLOOR AND CAP.
- DISCONNECT AND REMOVE EXISTING WATER CLOSET AND LAV SAN AND VENT PIPING BELOW FLOOR.
- DISCONNECT AND REMOVE EXISTING FLOOR DRAIN, CAP EXISTING SAN AND VENT PIPING BELOW FLOOR.
- DISCONNECT AND REMOVE EXISTING SAN ROUGH--IN DOWN TO BELOW FLOOR AND CAP.
- DISCONNECT AND REMOVE EXISTING MULTIPLE SAN AND VENT ROUGH--IN PIPING DOWN TO BELOW FLOOR AND CAP.
- DISCONNECT AND REMOVE EXISTING SHOWER DRAINS (2) AND ALL ASSOCIATED SAN AND VENT ROUGH--IN DOWN TO BELOW FLOOR AND CAP.

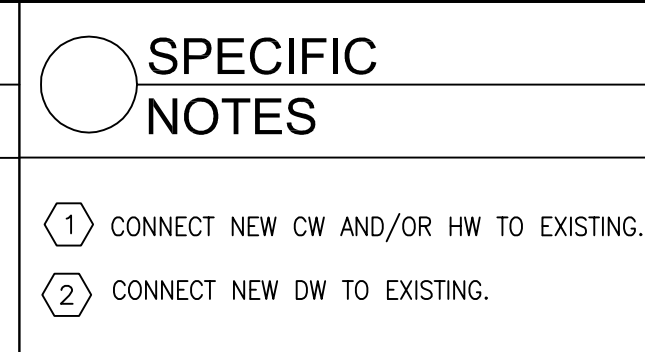
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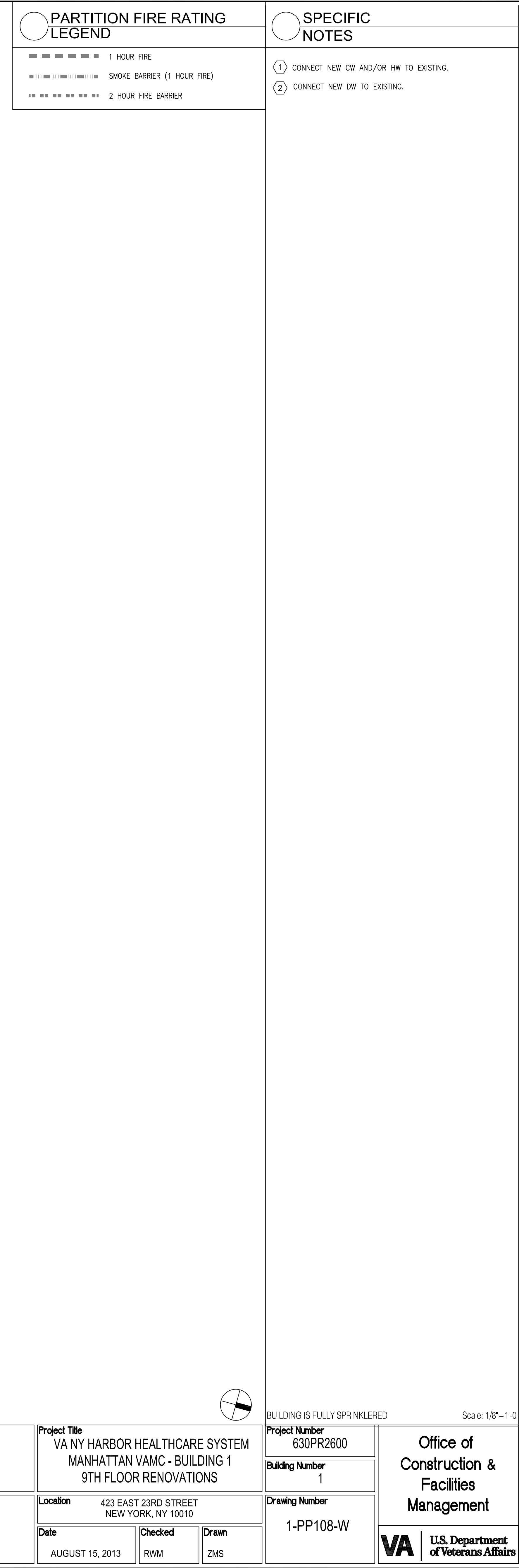




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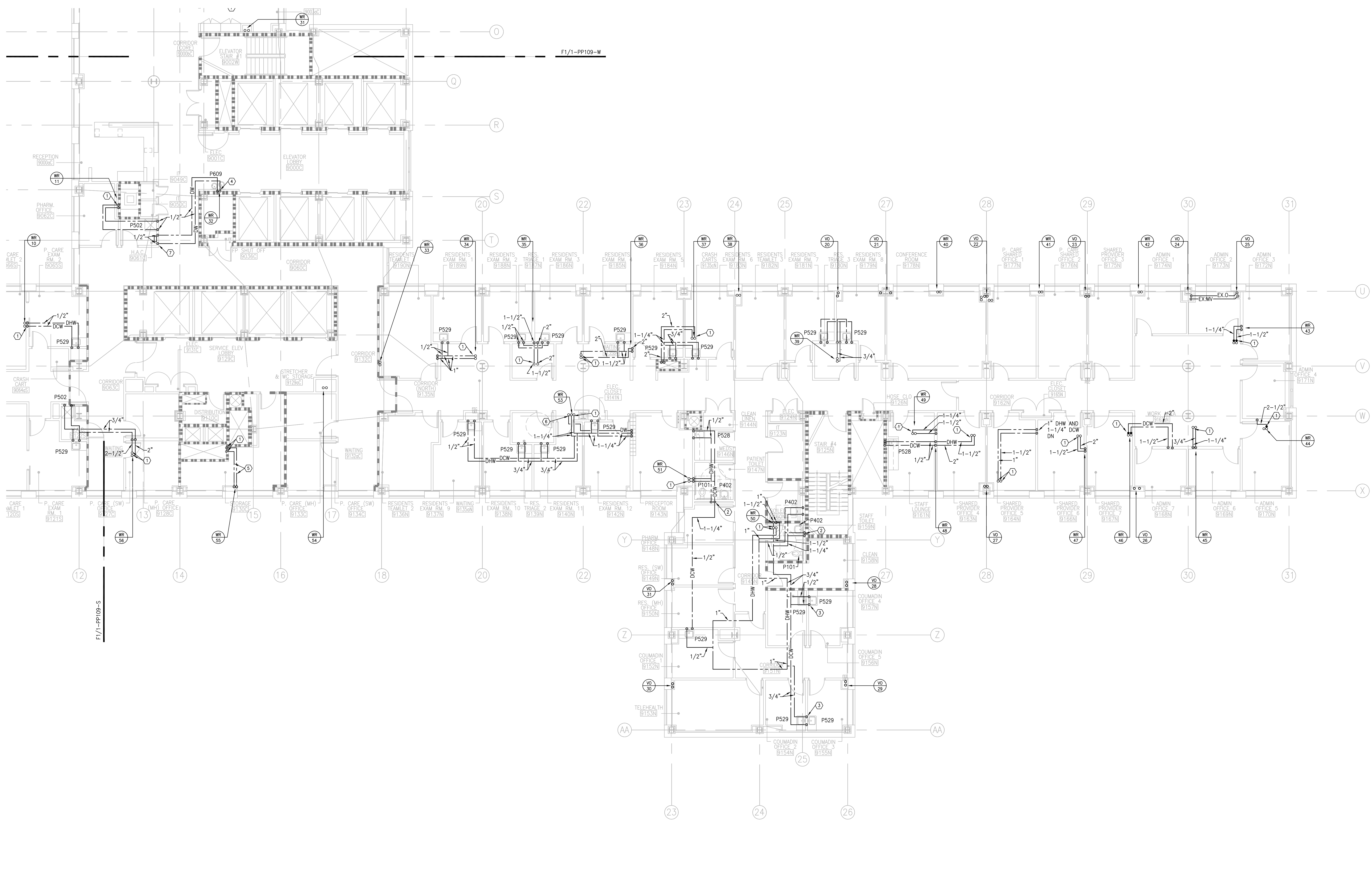


		CONSULTANTS:		KEY PLAN:		ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number		Office of Construction & Facilities Management	
		ASBESTOS ABATEMENT CONSULTANT: <i>Egan Environmental Consulting, Inc.</i> 14 HIGH STREET MAHWAH, NEW JERSEY 07430 Tel: (201) 848-7790 Fax: (201) 848-7791				<b>CANNON</b> DESIGN 360 Madison Avenue, New York, New York 10017 212.972.9800 <small>Baltimore • Boston • Buffalo • Calgary • Chicago Houston • Los Angeles • Mumbai • New York • Phoenix St. Louis • San Francisco • Shanghai • Toronto Vancouver • Victoria • Washington DC</small>		PLUMBING SUPPLY PLAN 8TH FLOOR - SOUTH		VA NY HARBOR HEALTHCARE SYSTEM MANHATTAN VAMC - BUILDING 1 9TH FLOOR RENOVATIONS		630PR2600			
Revisions:		Date				Approved: Project Director		Location		Drawing Number					
ISSUED FOR CONSTRUCTION		08/15/2013						423 EAST 23RD STREET NEW YORK, NY 10010		1-PP108-S		 <b>U.S. Department of Veterans Affairs</b>			





three eighths inch = one foot  
one eighth inch = one foot  
one quarter inch = one foot  
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ninety six inches = one foot  
ninety seven inches = one foot  
ninety eight inches = one foot  
ninety nine inches = one foot  
one hundred inches = one foot



**F1 PLUMBING SUPPLY PLAN 9TH FLOOR - NORTH**  
SCALE: 1/8" = 1'-0"

- PARTITION FIRE RATING LEGEND**

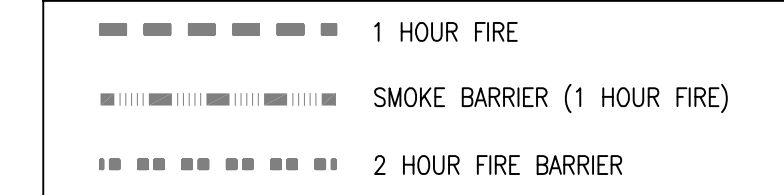
  - 1 HOUR FIRE
  - SMOKE BARRIER (1 HOUR FIRE)
  - 2 HOUR FIRE BARRIER
- GENERAL NOTES**

  - FOR SHUTOFF VALVES AND PRESSURE REDUCING VALVE REQUIREMENTS, REFER TO RISER DIAGRAMS.
  - PROVIDE NEW INSULATION ON ALL EXISTING DCW AND DHW RISERS TO REMAIN OR WHICH ARE NOT BEING RELOCATED.
- SPECIFIC NOTES**

  - CONNECT NEW DCW AND/OR DHW TO EXISTING RISER.
  - DROP 1-1/4" DCW AND 1/2" DHW DOWN IN CHASE. BRANCH 1/2" DCW AND 1/2" DHW TO LAV (1) AND 1-1/4" DCW TO WATER CLOSET (1).
  - DROP 1/2" DCW AND 1/2" DHW DOWN IN WALL. BRANCH AND CONNECT 1/2" DCW AND 1/2" DHW TO EACH SINK (2).
  - CONNECT NEW CW TO EXISTING.
  - RUN PIPING BELOW DUCTWORK.
  - CONNECT NEW DW TO EXISTING RISER.
  - REMOTE CHILLER FOR P609, MOUNT CHILLER HIGH ON WALL.

<b>Revisions</b>		<b>Date</b>	
ISSUED FOR CONSTRUCTION		08/15/2013	

<b>CONSULTANTS:</b>		<b>KEY PLAN:</b>		<b>ARCHITECT/ENGINEERS:</b>		<b>Drawing Title</b>		<b>Project Title</b>		<b>Project Number</b>		<b>Office of Construction &amp; Facilities Management</b> <b>VA U.S. Department of Veterans Affairs</b>	
ASBESTOS ABATEMENT CONSULTANT: <b>Egan Environmental Consulting, Inc.</b>				<b>CANNONDESIGN</b>		PLUMBING SUPPLY PLAN 9TH FLOOR - NORTH		VA NY HARBOR HEALTHCARE SYSTEM MANHATTAN VAMC - BUILDING 1 9TH FLOOR RENOVATIONS		630PR2600			
14 HIGH STREET MAHWAH, NEW JERSEY 07430 Tel: (201) 848-7790 Fax: (201) 848-7791				360 Madison Avenue, New York, New York 10017 212.972.9800 Baltimore • Boston • Buffalo • Calgary • Chicago Houston • Los Angeles • Mumbai • New York • Phoenix St. Louis • San Francisco • Shanghai • Toronto Vancouver • Victoria • Washington DC		Approved Project Director		Location 423 EAST 23RD STREET NEW YORK, NY 10010		Building Number 1			
								Date AUGUST 15, 2013		Checked RWM		Drawing Number 1-PP109-N	




1. FOR SHUTOFF VALVES AND PRESSURE REDUCING VALVE REQUIREMENTS, REFER TO RISER DIAGRAMS.
2. PROVIDE NEW INSULATION ON ALL EXISTING DCW AND DHW RISERS TO REMAIN OR WHICH ARE NOT BEING RELOCATED.

- ① CONNECT NEW DCW AND DHW TO EXISTING RISER.
- ② CONNECT NEW DW TO EXISTING RISER.
- ③ DROP 1-1/2" DCW AND 1/2" DHW DOWN IN CHASE. BRANCH AND CONNECT 1-1/4" DCW TO EACH WATER CLOSET (2) AND 1/2" DCW AND 1/2" DHW TO EACH LAV (2).
- ④ CONNECT NEW DCW AND/OR DHW TO EXISTING PIPING.



			<b>CONSULTANTS:</b>	
			ASBESTOS ABATEMENT CONSULTANT:	
			<i>Egan Environmental Consulting, Inc.</i>	
			14 HIGH STREET	
			MAHWAH, NEW JERSEY 07430	
			Tel: (201) 848-7790 Fax: (201) 848-7791	
<b>Revisions:</b>		<b>Date</b>		
ISSUED FOR CONSTRUCTION		08/15/2013		

**KEY PLAN:**



WEST

SOUTH

NORTH

ARCHITECT/ENGINEERS:


**CANNON**DESIGN

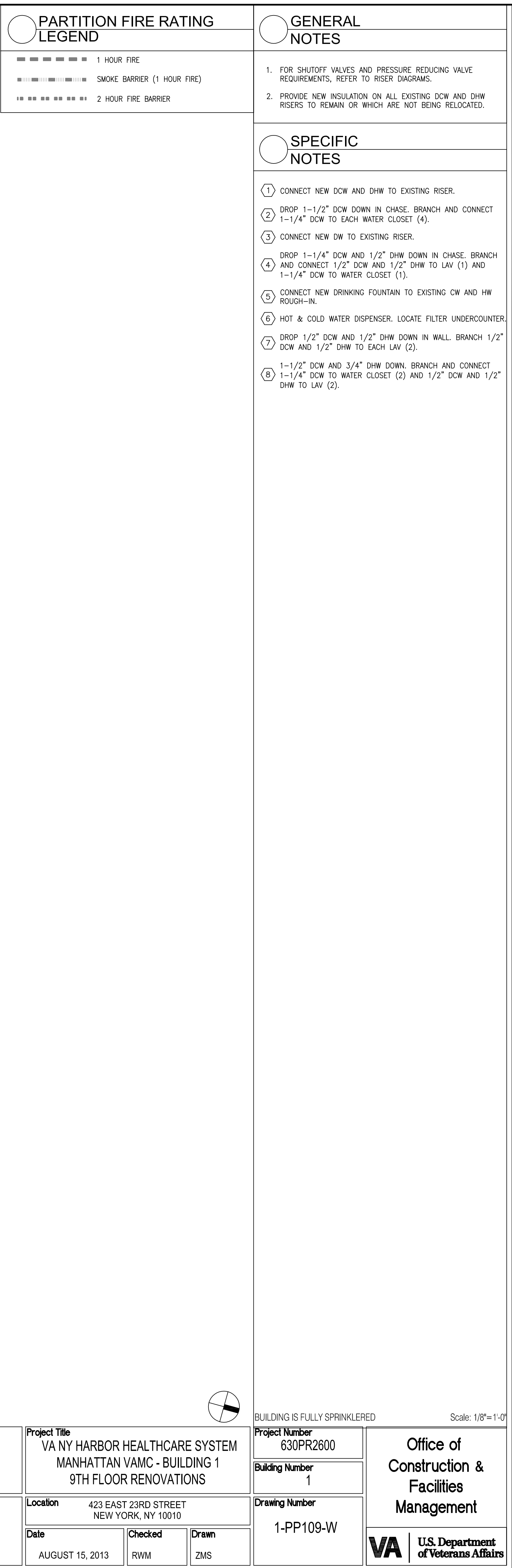
360 Madison Avenue, New York, New York 10017 212.972.9800

Baltimore ■ Boston ■ Buffalo ■ Calgary ■ Chicago  
 Houston ■ Los Angeles ■ Miami ■ New York ■ Phoenix  
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 Vancouver ■ Wichita ■ Washington DC

Drawing Title
PLUMBING SUPPLY PLAN 9TH FLOOR - SOUTH
Approved: Project Director

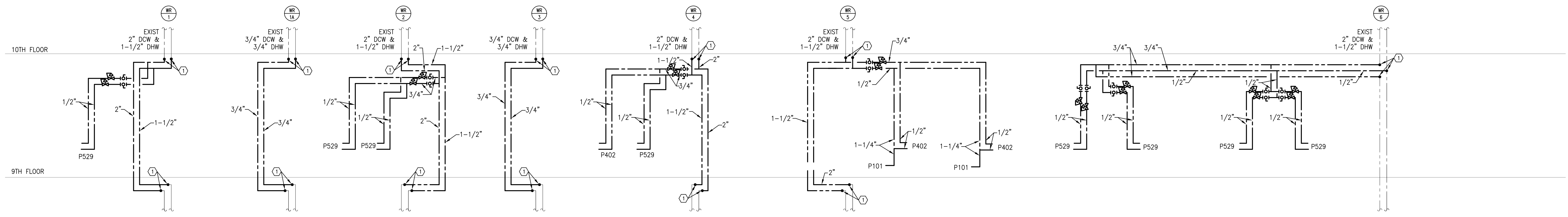
<b>Project Title</b> VA NY HARBOR HEALTHCARE SYSTEM MANHATTAN VAMC - BUILDING 1 9TH FLOOR RENOVATIONS			
<b>Location</b> 423 EAST 23RD STREET NEW YORK, NY 10010			
<b>Date</b> AUGUST 15, 2013	<b>Checked</b> RWM	<b>Drawn</b> ZMS	

Project Number 630PR2600	<div>Office of Construction &amp; Facilities Management</div> <div>  <div>U.S. Department of Veterans Affairs</div> </div>
Building Number 1	
Drawing Number 1-PP109-S	

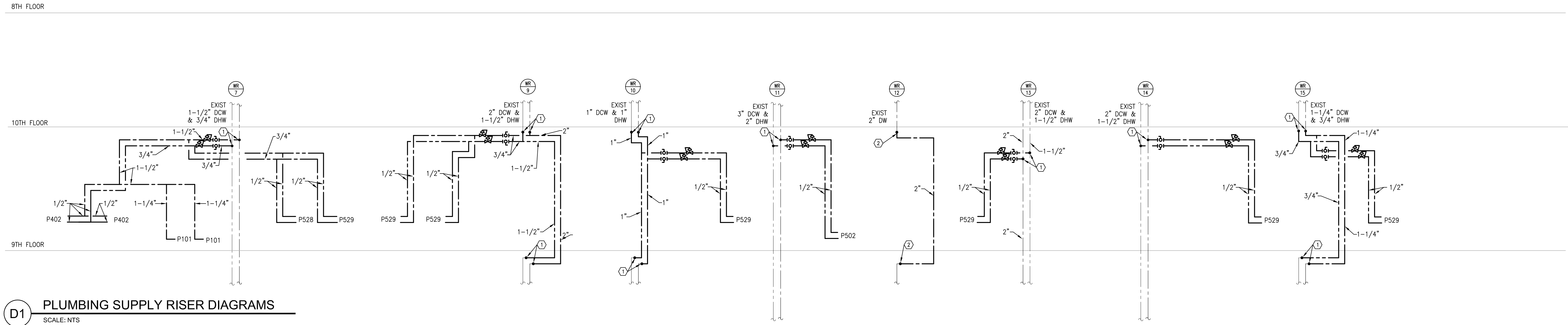




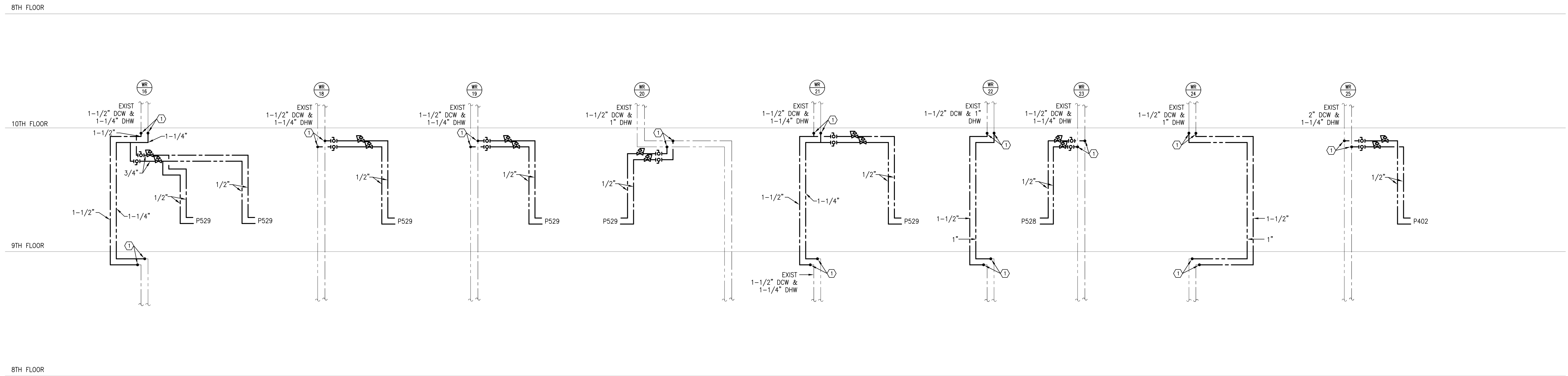
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**B1** PLUMBING SUPPLY RISER DIAGRAMS  
SCALE: NTS



**D1** PLUMBING SUPPLY RISER DIAGRAMS  
SCALE: NTS



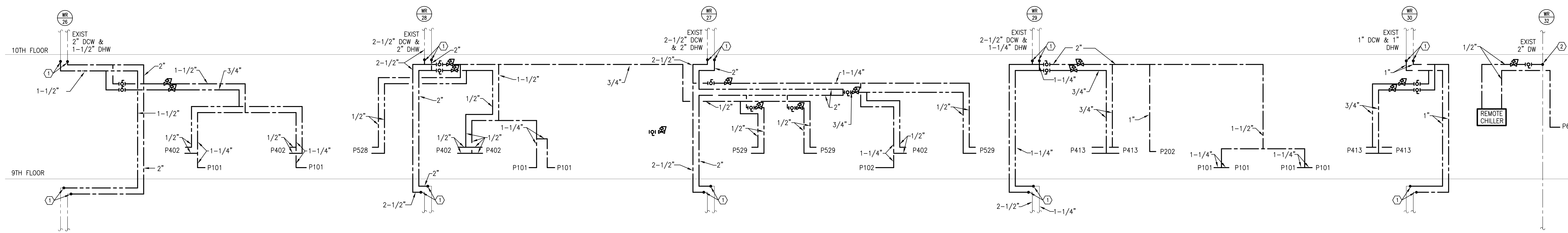
**F1** PLUMBING SUPPLY RISER DIAGRAMS  
SCALE: NTS

**SPECIFIC NOTES**

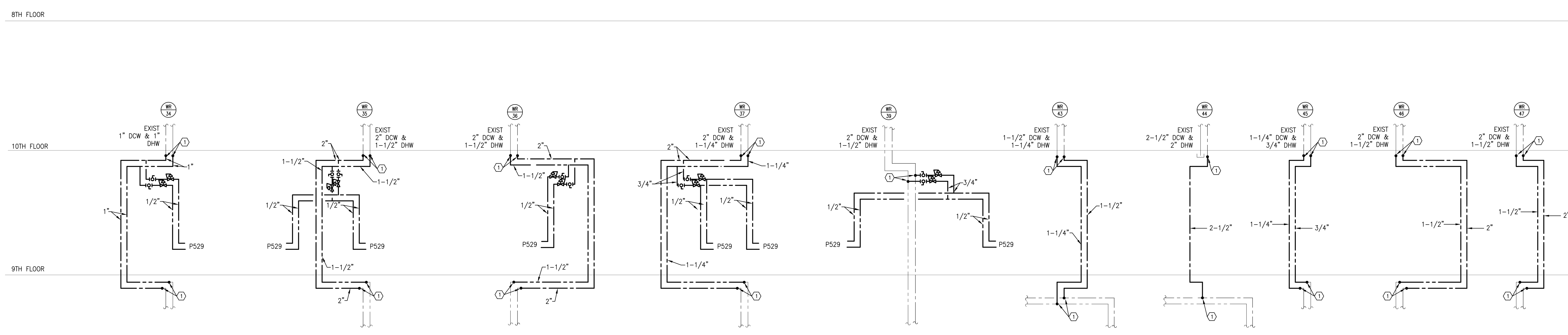
- ① CONNECT NEW DCW AND/OR DHW TO EXISTING.
- ② CONNECT NEW DW TO EXISTING.

<b>Revisions</b>		<b>CONSULTANTS:</b>		<b>KEY PLAN:</b>		<b>ARCHITECT/ENGINEERS:</b>		<b>Drawing Title</b>		<b>Project Title</b>		<b>Project Number</b>		<b>Office of Construction &amp; Facilities Management</b> <b>U.S. Department of Veterans Affairs</b>			
		<b>Egan Environmental Consulting, Inc.</b>				<b>CANNON</b>		<b>PLUMBING SUPPLY RISER DIAGRAMS</b>		<b>VA NY HARBOR HEALTHCARE SYSTEM MANHATTAN VAMC - BUILDING 1 9TH FLOOR RENOVATIONS</b>		<b>630PR2600</b>					
		14 HIGH STREET MAHWAH, NEW JERSEY 07430 Tel: (201) 848-7790 Fax: (201) 848-7791				360 Madison Avenue, New York, New York 10017 212.972.9800 Baltimore • Boston • Buffalo • Calgary • Chicago Houston • Los Angeles • Mumbai • New York • Phoenix St. Louis • San Francisco • Shanghai • Toronto Vancouver • Victoria • Washington DC		Approved Project Director		423 EAST 23RD STREET NEW YORK, NY 10010		<b>Building Number</b> 1					
ISSUED FOR CONSTRUCTION		08/15/2013								AUGUST 15, 2013		RWMM		ZMS		<b>Drawing Number</b> 1-PP601	

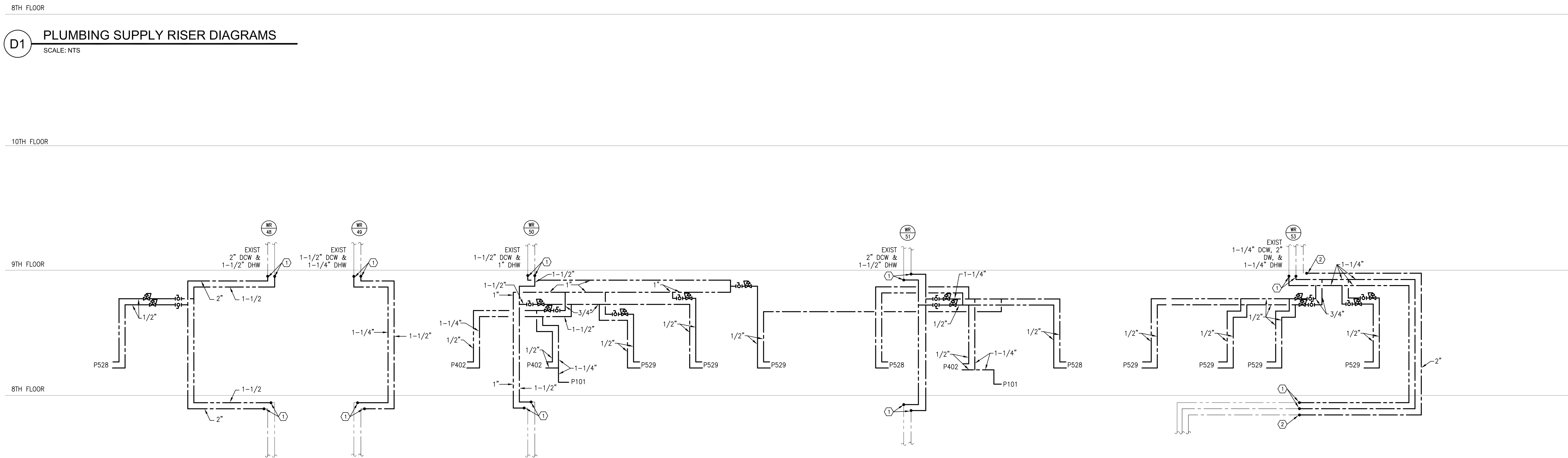
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**B1** PLUMBING SUPPLY RISER DIAGRAMS  
SCALE: NTS



**D1** PLUMBING SUPPLY RISER DIAGRAMS  
SCALE: NTS



**F1** PLUMBING SUPPLY RISER DIAGRAMS  
SCALE: NTS

SPECIFIC NOTES

① CONNECT NEW DCW AND/OR DHW TO EXISTING.

② CONNECT NEW DW TO EXISTING.

BUILDING IS FULLY SPRINKLERED

Scale: 1/8"=1'-0"

Drawing Title

PLUMBING SUPPLY RISER DIAGRAMS

Approved Project Director

Project Title

VA NY HARBOR HEALTHCARE SYSTEM  
MANHATTAN VAMC - BUILDING 1  
9TH FLOOR RENOVATIONS

Location

423 EAST 23RD STREET  
NEW YORK, NY 10010

Revisions

ISSUED FOR CONSTRUCTION

Date

08/15/2013

CONSULTANTS:

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14 HIGH STREET  
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Tel: (201) 848-7790 Fax: (201) 848-7791

KEY PLAN:

ARCHITECT/ENGINEERS:

**CANNON**DESIGN  
360 Madison Avenue, New York, New York 10017 212.972.9800  
Baltimore • Boston • Buffalo • Calgary • Chicago  
Houston • Los Angeles • Mumbai • New York • Phoenix  
St. Louis • San Francisco • Shanghai • Toronto  
Vancouver • Victoria • Washington DC

Building Number

630PR2600

Building Number

1

Drawing Number

1-PP602

Office of  
Construction &  
Facilities  
Management

**VA** U.S. Department  
of Veterans Affairs

VA FORM 08-6231

three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot

A

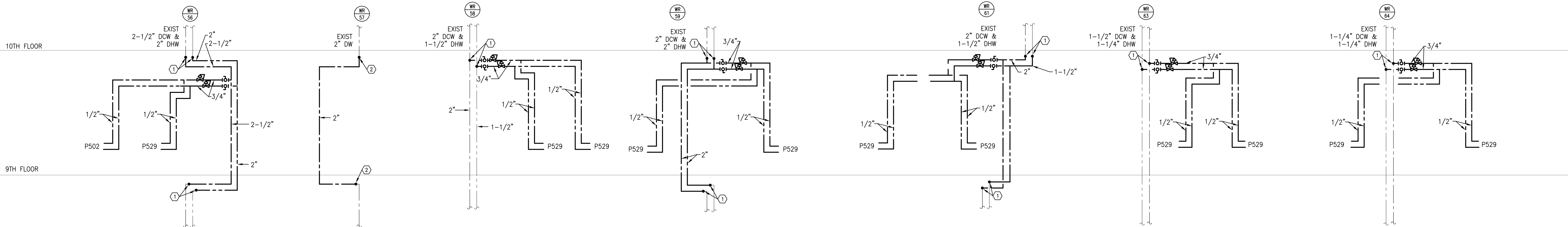
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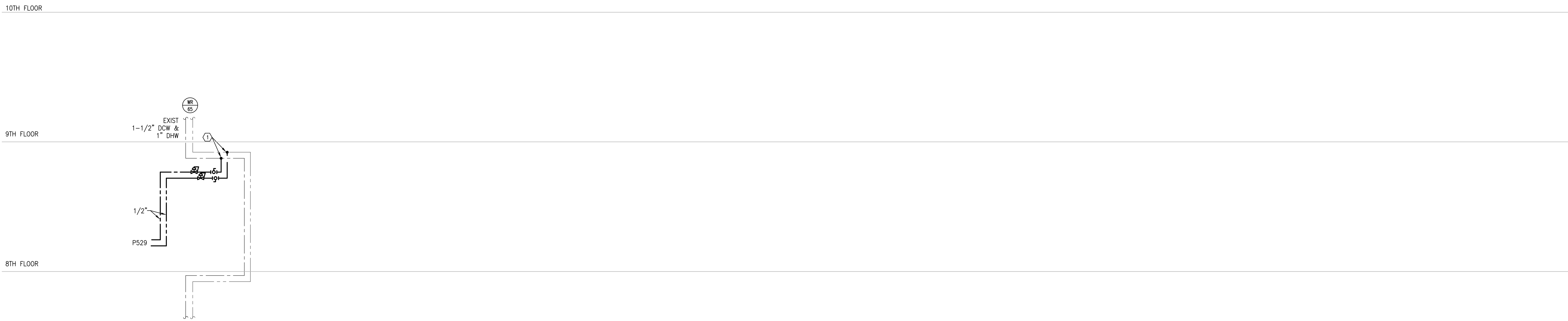
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**B1 PLUMBING SUPPLY RISER DIAGRAMS**  
SCALE: NTS



**D1 PLUMBING SUPPLY RISER DIAGRAMS**  
SCALE: NTS

SPECIFIC  
NOTES

① CONNECT NEW DCW AND/OR DHW TO EXISTING.

② CONNECT NEW DW TO EXISTING.

BUILDING IS FULLY SPRINKLERED

Scale: 1/8"=1'-0"

Drawing Title PLUMBING SUPPLY RISER DIAGRAMS		Project Title VA NY HARBOR HEALTHCARE SYSTEM MANHATTAN VAMC - BUILDING 1 9TH FLOOR RENOVATIONS		Project Number 630PR2600		Office of Construction & Facilities Management	
Approved Project Director		Location 423 EAST 23RD STREET NEW YORK, NY 10010		Building Number 1			
		Date AUGUST 15, 2013		Checked RWMM		Drawing Number 1-PP603	
				Drawn ZMS		VA U.S. Department of Veterans Affairs	

CONSULTANTS:  
  
ASBESTOS ABATEMENT CONSULTANT:  
**Egan Environmental Consulting, Inc.**  
14 HIGH STREET  
MAHWAH, NEW JERSEY 07430  
Tel: (201) 848-7790 Fax: (201) 848-7791

KEY PLAN:

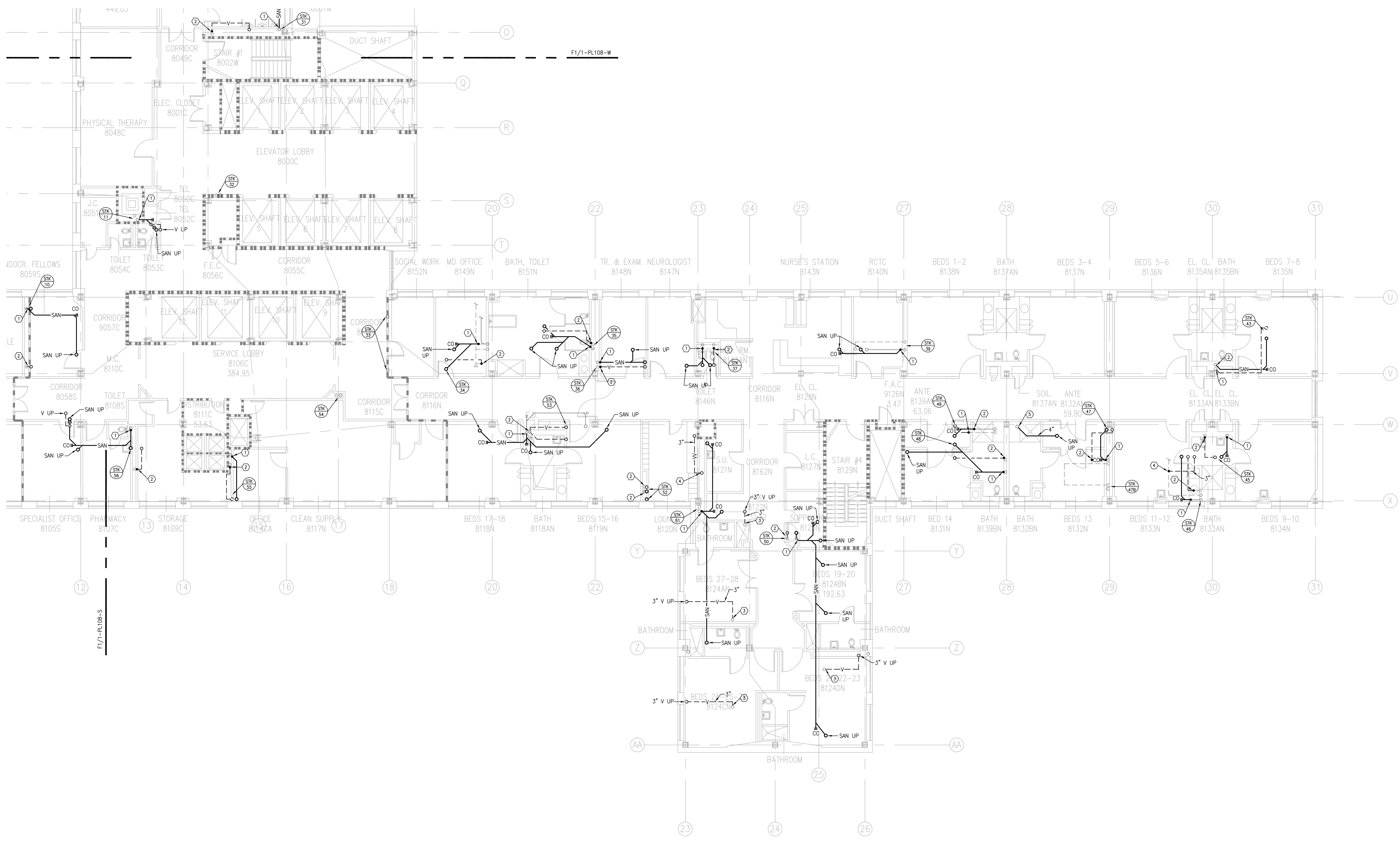
ARCHITECT/ENGINEERS:

**CANNON**DESIGN  
360 Madison Avenue, New York, New York 10017 212.972.9800  
Baltimore • Boston • Buffalo • Calgary • Chicago  
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St. Louis • San Francisco • Shanghai • Toronto  
Vancouver • Victoria • Washington DC

Revisions	Date
ISSUED FOR CONSTRUCTION	08/15/2013



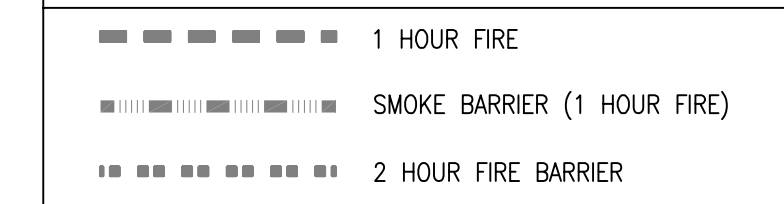
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ninety five inches = one foot  
ninety six inches = one foot  
ninety seven inches = one foot  
ninety eight inches = one foot  
ninety nine inches = one foot  
one hundred inches = one foot



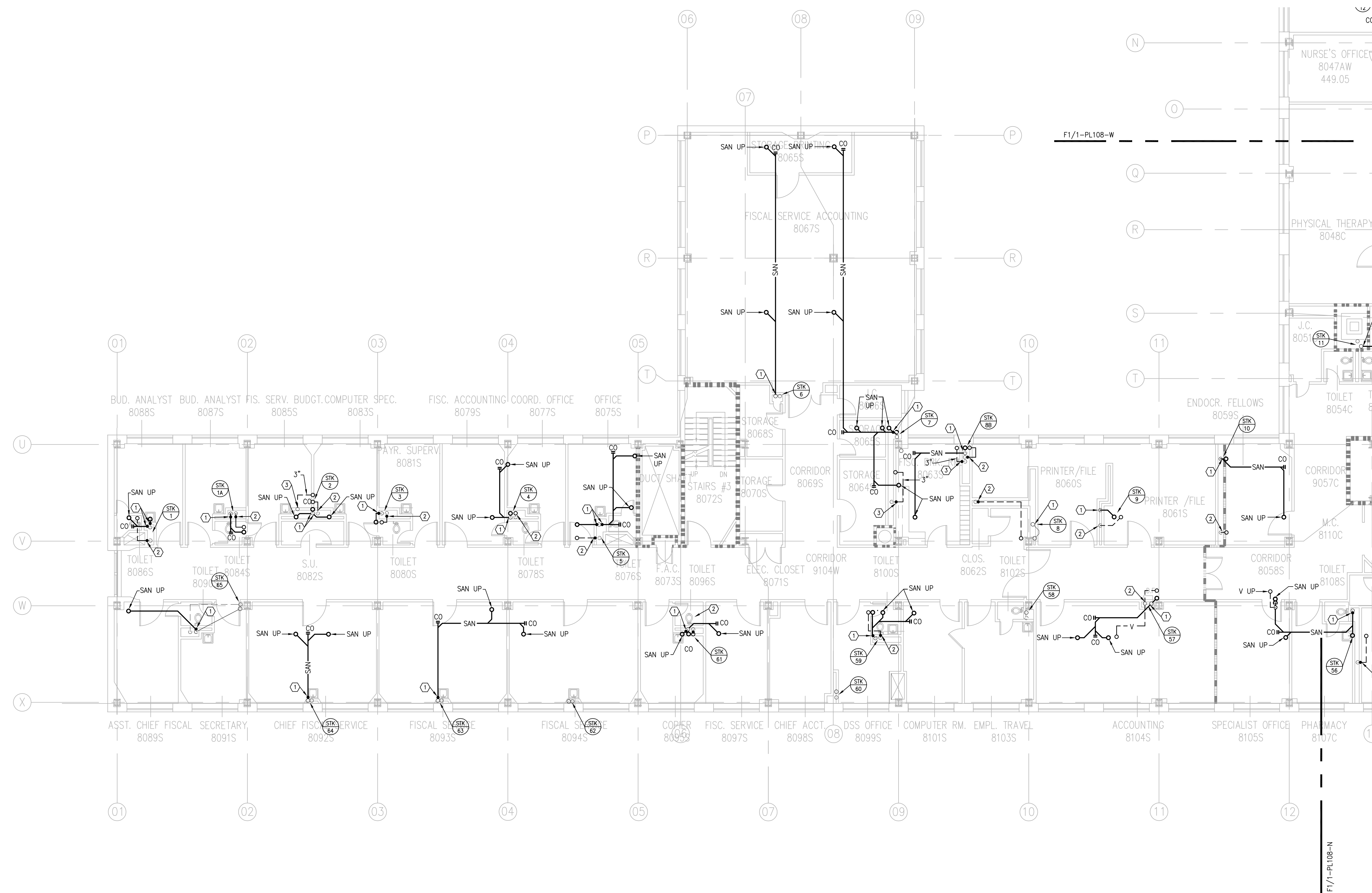
**F1 PLUMBING SANITARY PLAN 8TH FLOOR - NORTH**  
SCALE: 1/8" = 1'-0"

PARTITION FIRE RATING LEGEND		SPECIFIC NOTES	
---	1 HOUR FIRE	①	CONNECT NEW SAN TO EXISTING SAN STACK.
----	SMOKE BARRIER (1 HOUR FIRE)	②	CONNECT NEW V TO EXISTING V STACK.
----	2 HOUR FIRE BARRIER	③	CONNECT NEW V TO EXISTING.
----		④	CONNECT NEW W TO EXISTING.
----		⑤	CONNECT NEW SAN TO EXISTING.

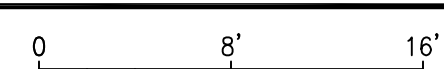
<b>CONSULTANTS:</b> ASBESTOS ABATEMENT CONSULTANT: <b>Egan Environmental Consulting, Inc.</b> 14 HIGH STREET MAHWAH, NEW JERSEY 07430 Tel: (201) 848-7790 Fax: (201) 848-7791	<b>KEY PLAN:</b> 	<b>ARCHITECT/ENGINEERS:</b> <b>CANNON</b> 360 Madison Avenue, New York, New York 10017 212.972.9800 Baltimore • Boston • Buffalo • Calgary • Chicago Houston • Los Angeles • Mumbai • New York • Phoenix St. Louis • San Francisco • Shanghai • Toronto Vancouver • Victoria • Washington DC	<b>Drawing Title</b> PLUMBING SANITARY PLAN 8TH FLOOR - NORTH <b>Approved Project Director</b>	<b>Project Title</b> VA NY HARBOR HEALTHCARE SYSTEM MANHATTAN VAMC - BUILDING 1 9TH FLOOR RENOVATIONS <b>Location</b> 423 EAST 23RD STREET NEW YORK, NY 10010 <b>Date</b> AUGUST 15, 2013 <b>Checked</b> RWM <b>Drawn</b> ZMS	<b>Project Number</b> 630PR2600 <b>Building Number</b> 1 <b>Drawing Number</b> 1-PL108-N	<b>Office of Construction &amp; Facilities Management</b> <b>VA U.S. Department of Veterans Affairs</b>
--	----------------------	--	---	---	---	--



- ① CONNECT NEW SAN TO EXISTING SAN STACK.
- ② CONNECT NEW V TO EXISTING V STACK.
- ③ CONNECT NEW WV TO EXISTING RISER.



SCALE: 1/8" = 1'-0"



<b>Revisions:</b>	<b>Date</b>
ISSUED FOR CONSTRUCTION	08/15/2013

ASBESTOS ABATEMENT CONSULTANT:  
*Egan Environmental Consulting, Inc.*  
14 HIGH STREET  
MAHWAH, NEW JERSEY 07430  
Tel: (201) 848-7790 Fax: (201) 848-7791

# CANNONDESIGN

Baltimore ■ Boston ■ Buffalo ■ Calgary ■ Chicago  
Houston ■ Los Angeles ■ Mumbai ■ New York ■ Phoenix  
St. Louis ■ San Francisco ■ Shanghai ■ Toronto  
Vancouver ■ Victoria ■ Washington DC

Approved: Project Director

<b>Location</b>	423 EAST 23RD STREET NEW YORK, NY 10010
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Drawn	7MS
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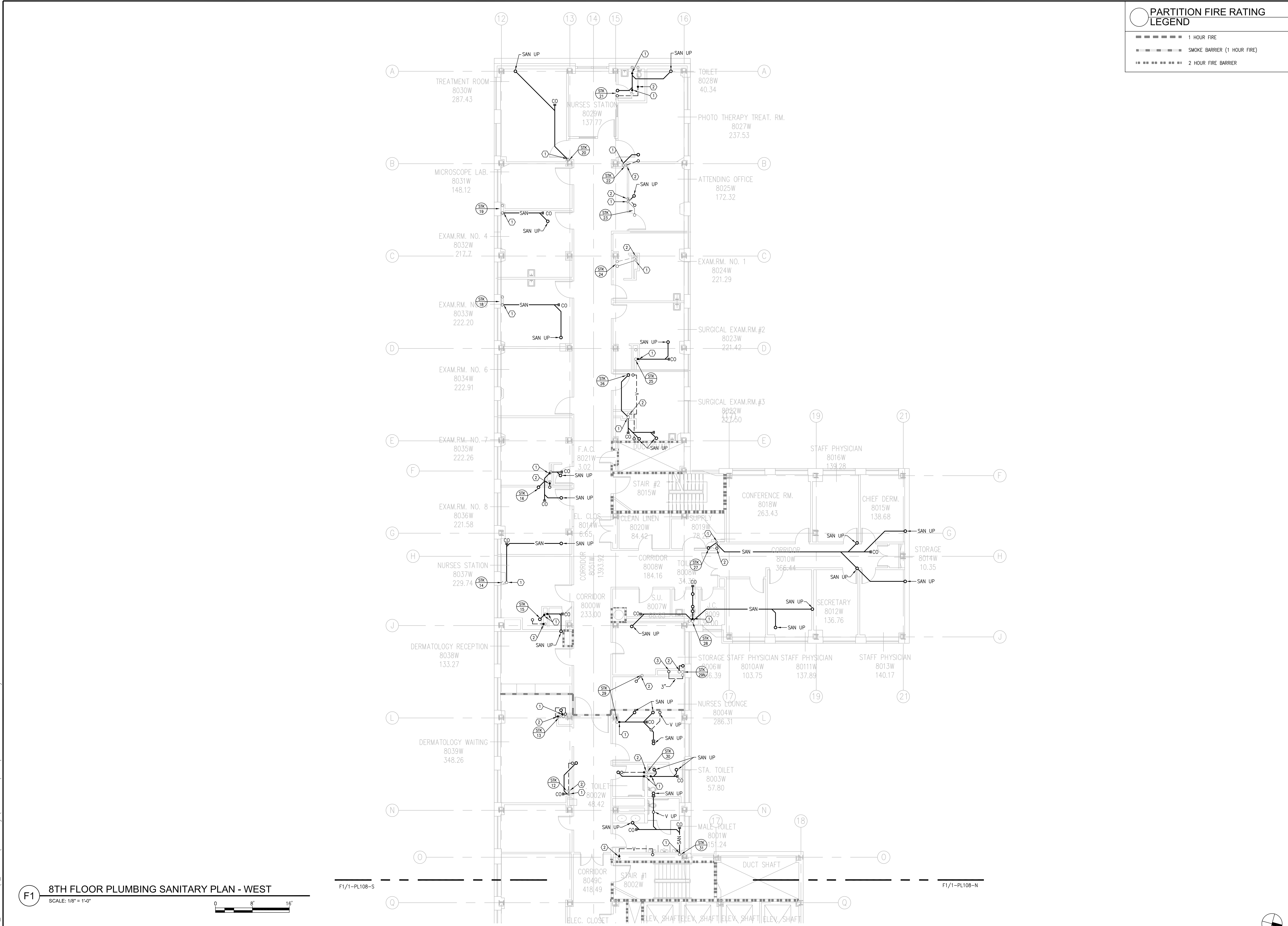
Drawing Number	1-PL108-S
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Office of  
Construction &  
Facilities  
Management



Scale: 1/8"=1'-0"

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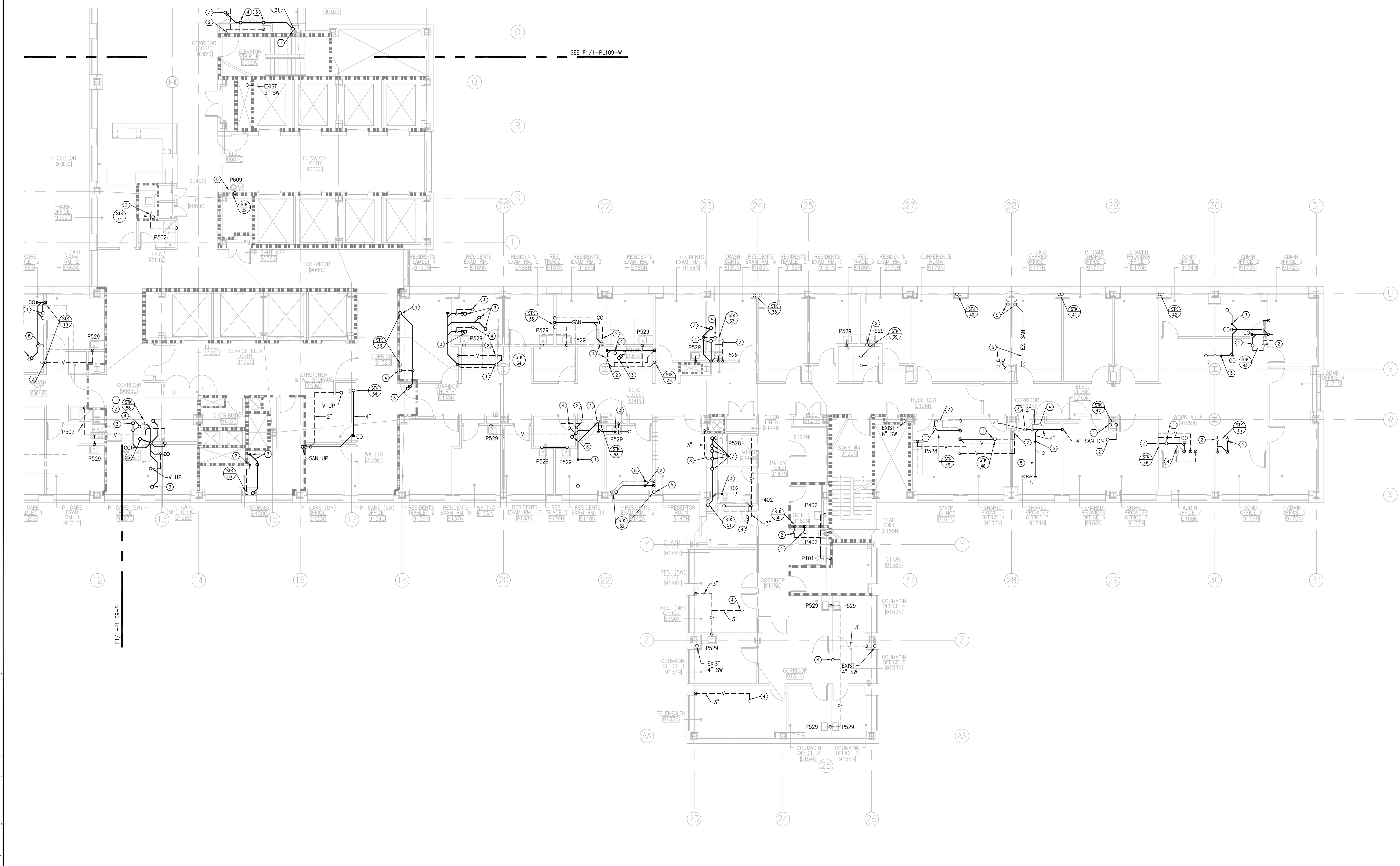
PARTITION FIRE RATING LEGEND	SPECIFIC NOTES
1 HOUR FIRE	(1) CONNECT NEW SAN TO EXISTING SAN STACK.
SMOKE BARRIER (1 HOUR FIRE)	(2) CONNECT NEW V TO EXISTING V STACK.
2 HOUR FIRE BARRIER	(3) CONNECT NEW W TO EXISTING.

F1 8TH FLOOR PLUMBING SANITARY PLAN - WEST  
SCALE: 1/8" = 1'-0"

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three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one sixteenth inch = one foot



**F1 PLUMBING SANITARY PLAN 9TH FLOOR - NORTH**  
SCALE: 1/8" = 1'-0"

- PARTITION FIRE RATING LEGEND**

  - 1 HOUR FIRE
  - SMOKE BARRIER (1 HOUR FIRE)
  - 2 HOUR FIRE BARRIER
- GENERAL NOTES**

  - SANITARY STACK OFFSETS ON THE NORTH FLOOR GREATER THAN 45' REQUIRE RELIEF VENTS. REFER TO RISER DIAGRAMS.
- SPECIFIC NOTES**

  - CONNECT NEW SAN TO EXISTING STACK.
  - CONNECT NEW V TO EXISTING STACK.
  - CONNECT NEW SAN TO EXISTING.
  - CONNECT NEW V TO EXISTING.
  - EXISTING SAN PIPING TO REMAIN.
  - NEW FIXTURE. CONNECT NEW SAN AND V PIPING TO EXISTING STACK.
  - DROP PIPING AND RUN BELOW DUCTWORK.
  - CONNECT NEW 3" VV TO EXISTING.

<div>Revisions</div> <table><tr><td>ISSUED FOR CONSTRUCTION</td><td>08/15/2013</td></tr></table>	ISSUED FOR CONSTRUCTION	08/15/2013	<b>CONSULTANTS:</b> ASBESTOS ABATEMENT CONSULTANT: <b>Egan Environmental Consulting, Inc.</b> 14 HIGH STREET MAHWAH, NEW JERSEY 07430 Tel: (201) 848-7790 Fax: (201) 848-7791	<b>KEY PLAN:</b> 	<b>ARCHITECT/ENGINEERS:</b> <b>CANNON</b> 360 Madison Avenue, New York, New York 10017 212.972.9800 Baltimore • Boston • Buffalo • Calgary • Chicago Houston • Los Angeles • Mumbai • New York • Phoenix St. Louis • San Francisco • Shanghai • Toronto Vancouver • Victoria • Washington DC	<b>Drawing Title</b> PLUMBING SANITARY PLAN 9TH FLOOR - NORTH	<b>Project Title</b> VA NY HARBOR HEALTHCARE SYSTEM MANHATTAN VAMC - BUILDING 1 9TH FLOOR RENOVATIONS	<b>Building Number</b> 630PR2600	<b>Office of Construction &amp; Facilities Management</b> <b>VA U.S. Department of Veterans Affairs</b>
	ISSUED FOR CONSTRUCTION	08/15/2013							
					<b>Approved Project Director</b>	<b>Location</b> 423 EAST 23RD STREET NEW YORK, NY 10010	<b>Drawing Number</b> 1-PL109-N		
						<b>Date</b> AUGUST 15, 2013	<b>Checked</b> RWM	<b>Drawn</b> ZMS	

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PARTITION FIRE RATING  
LEGEND

=====

1 HOUR FIRE

=====

SMOKE BARRIER (1 HOUR FIRE)

=====

2 HOUR FIRE BARRIER

GENERAL  
NOTES

1. SANITARY STACK OFFSETS ON THE NORTH FLOOR  
GREATER THAN 45° REQUIRE RELIEF VENTS. REFER TO  
RISER DIAGRAMS.

SPECIFIC  
NOTES

①

CONNECT NEW SAN TO EXISTING STACK.

②

CONNECT NEW V TO EXISTING STACK.

③

CONNECT NEW 3" W TO EXISTING.

④

EXISTING SAN PIPING TO REMAIN.

⑤

CONNECT NEW SAN TO EXISTING.

⑥

CONNECT NEW VENT TO EXISTING.

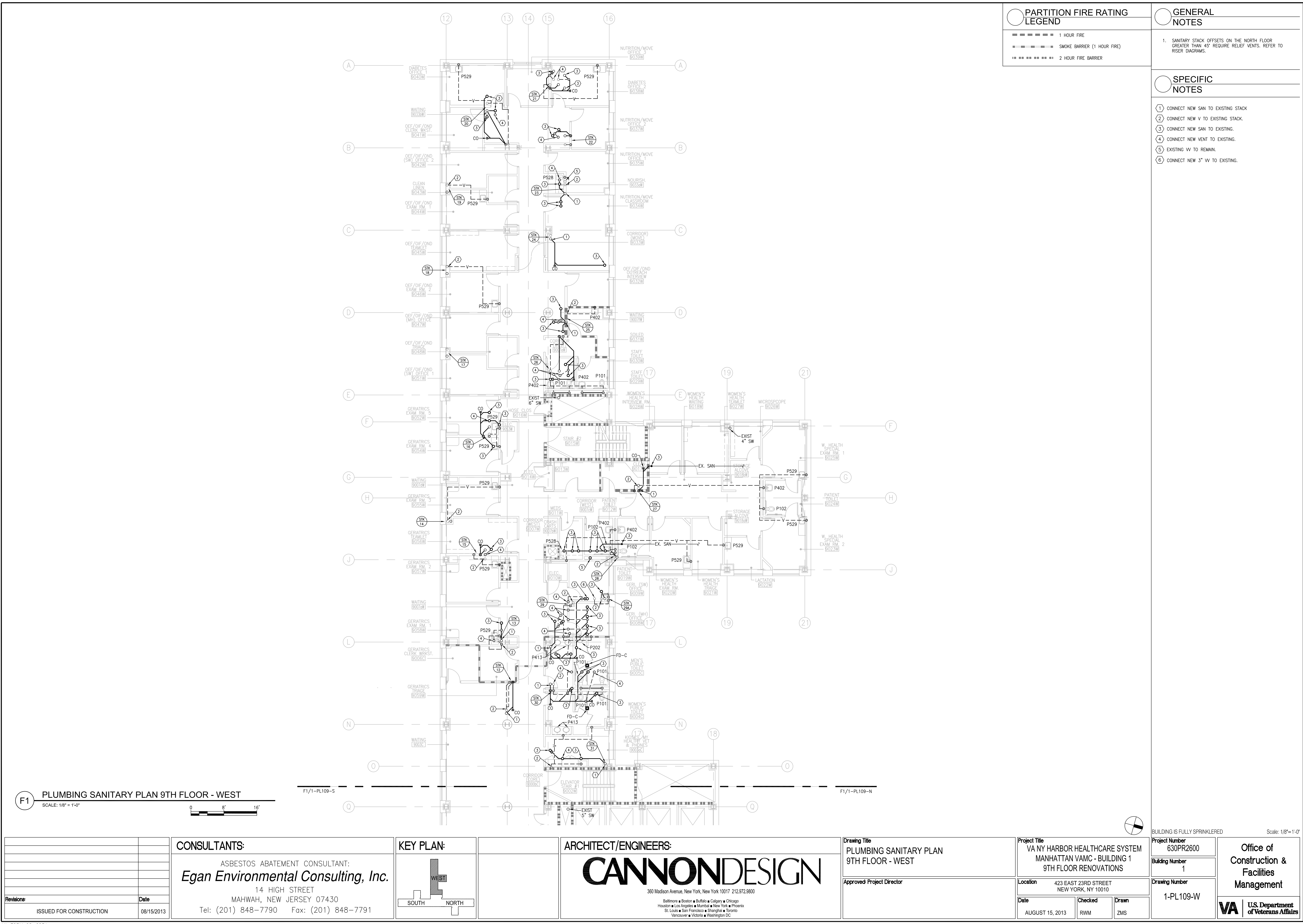
Scale: 1/8"=1'-0"

BUILDING IS FULLY SPRINKLERED

**F1** PLUMBING SANITARY PLAN 9TH FLOOR - SOUTH  
SCALE: 1/8" = 1'-0"

<div>Revisions</div> <table><tr><td>ISSUED FOR CONSTRUCTION</td><td>08/15/2013</td></tr></table>	ISSUED FOR CONSTRUCTION	08/15/2013	<div>CONSULTANTS:</div> <div>ASBESTOS ABATEMENT CONSULTANT: <b>Egan Environmental Consulting, Inc.</b> 14 HIGH STREET MAHWAH, NEW JERSEY 07430 Tel: (201) 848-7790 Fax: (201) 848-7791</div>	<div>KEY PLAN:</div> <div><div><div>WEST</div><div>SOUTH</div><div>NORTH</div></div></div>	<div>ARCHITECT/ENGINEERS:</div> <div><b>CANNON</b>DESIGN 360 Madison Avenue, New York, New York 10017 212.972.9800 Baltimore • Boston • Buffalo • Calgary • Chicago Houston • Los Angeles • Mumbai • New York • Phoenix St. Louis • San Francisco • Shanghai • Toronto Vancouver • Victoria • Washington DC</div>	<div>Drawing Title</div> <div>PLUMBING SANITARY PLAN 9TH FLOOR - SOUTH</div> <div>Approved Project Director</div>	<div>Project Title</div> <div>VA NY HARBOR HEALTHCARE SYSTEM MANHATTAN VAMC - BUILDING 1 9TH FLOOR RENOVATIONS</div> <div>Location</div> <div>423 EAST 23RD STREET NEW YORK, NY 10010</div> <div>Date</div> <div>AUGUST 15, 2013</div> <div>Checked</div> <div>RWM</div> <div>Drawn</div> <div>ZMS</div>	<div>Project Number</div> <div>630PR2600</div> <div>Building Number</div> <div>1</div> <div>Drawing Number</div> <div>1-PL109-S</div>	<div>Office of Construction &amp; Facilities Management</div> <div><b>VA</b> U.S. Department of Veterans Affairs</div>
ISSUED FOR CONSTRUCTION	08/15/2013								

VA FORM 08-6231

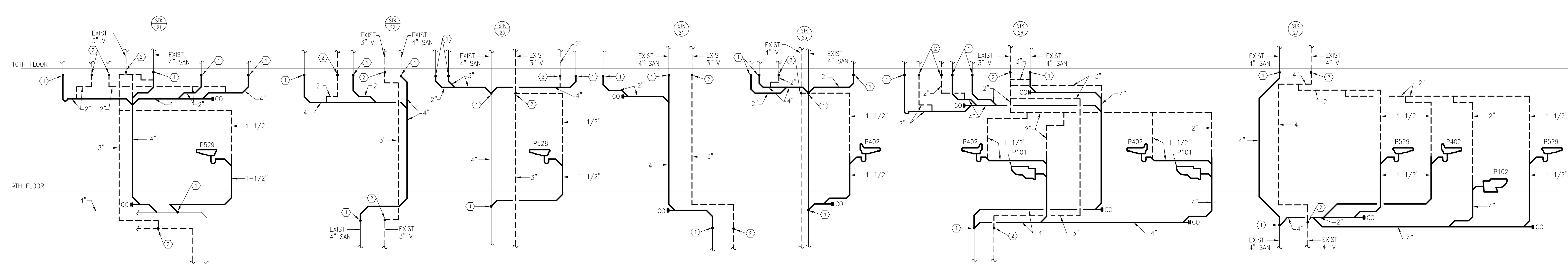






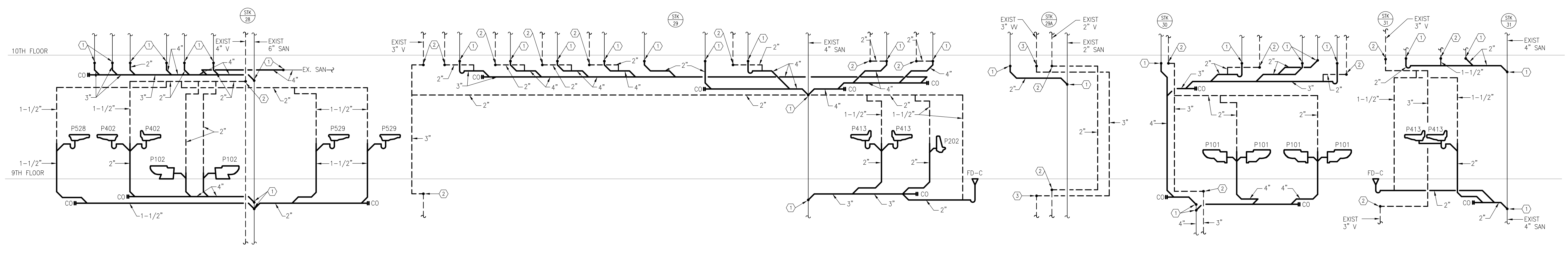


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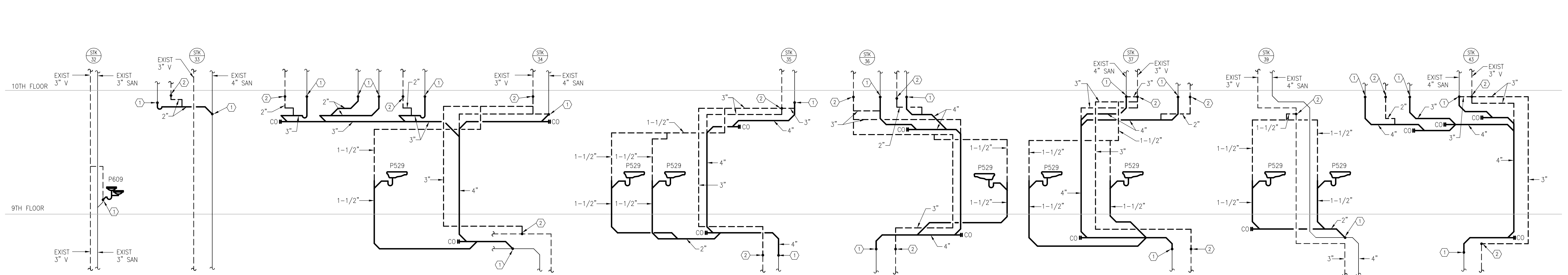
8TH FLOOR

**B1 PLUMBING SANITARY RISER DIAGRAMS**  
SCALE: NTS



8TH FLOOR

**D1 PLUMBING SANITARY RISER DIAGRAMS**  
SCALE: NTS



8TH FLOOR

**F1 PLUMBING SANITARY RISER DIAGRAMS**  
SCALE: NTS

**SPECIFIC NOTES**

- ① CONNECT NEW SAN TO EXISTING SAN STACK.
- ② CONNECT NEW V TO EXISTING V STACK.

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A

B

C

D

E

F

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

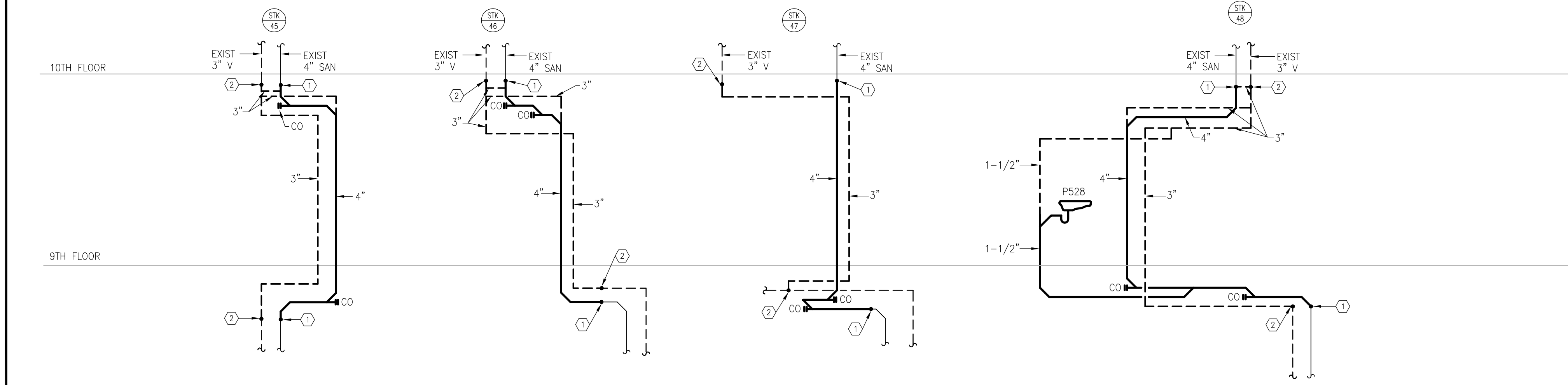
one eighth inch = one foot

one eighth inch = one foot

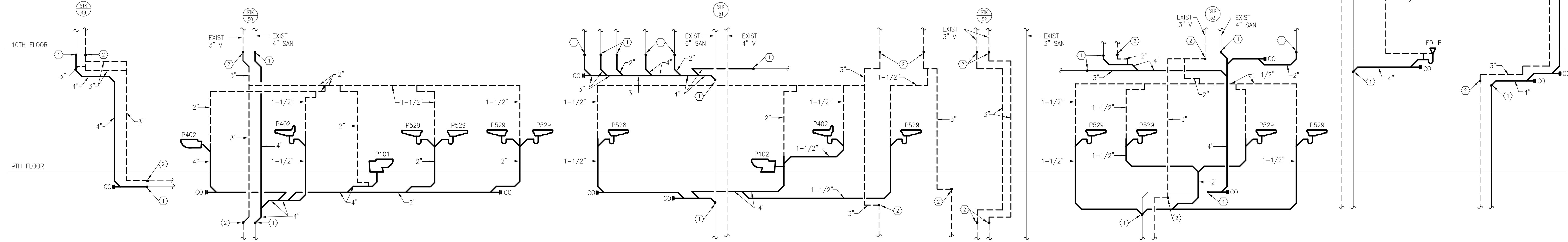
one eighth inch = one foot

one eighth inch = one foot

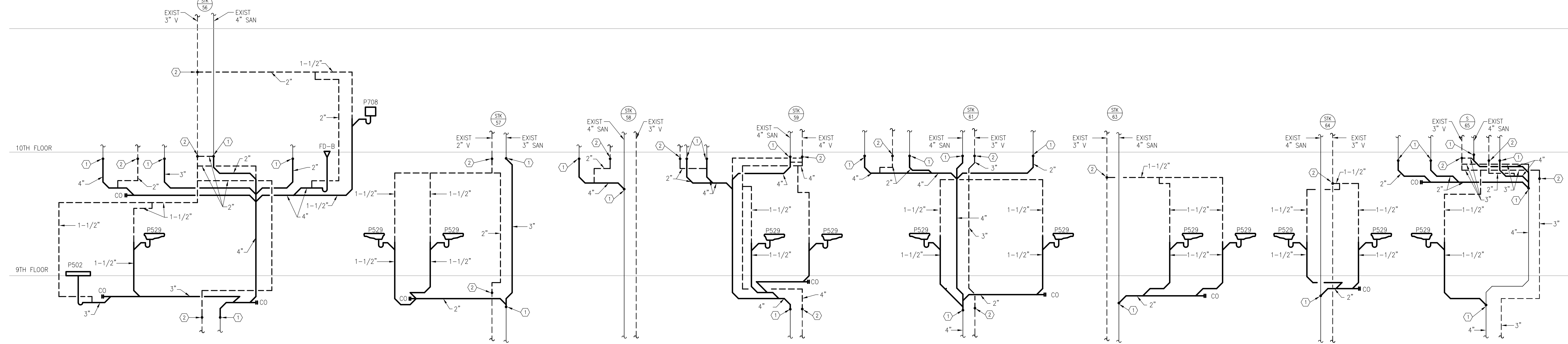
one eighth inch = one foot



**B1** PLUMBING SANITARY RISER DIAGRAMS  
SCALE: NTS



**D1** PLUMBING SANITARY RISER DIAGRAMS  
SCALE: NTS



**F1** PLUMBING SANITARY RISER DIAGRAMS  
SCALE: NTS

8TH FLOOR

**SPECIFIC NOTES**

- ① CONNECT NEW SAN TO EXISTING SAN STACK.  
② CONNECT NEW V TO EXISTING V STACK.

BUILDING IS FULLY SPRINKLERED

Revisions	Date
ISSUED FOR CONSTRUCTION	08/15/2013

**CONSULTANTS:**

ASBESTOS ABATEMENT CONSULTANT:  
**Egan Environmental Consulting, Inc.**  
14 HIGH STREET  
MAHWAH, NEW JERSEY 07430  
Tel: (201) 848-7790 Fax: (201) 848-7791

**KEY PLAN:**

**ARCHITECT/ENGINEERS:**

**CANNON**DESIGN  
360 Madison Avenue, New York, New York 10017 212.972.9800  
Baltimore • Boston • Buffalo • Calgary • Chicago  
Houston • Los Angeles • Mumbai • New York • Phoenix  
St. Louis • San Francisco • Shanghai • Toronto  
Vancouver • Victoria • Washington DC

Drawing Title  
PLUMBING SANITARY RISER DIAGRAMS

Approved Project Director

Project Title  
VA NY HARBOR HEALTHCARE SYSTEM  
MANHATTAN VAMC - BUILDING 1  
9TH FLOOR RENOVATIONS

Location  
423 EAST 23RD STREET  
NEW YORK, NY 10010

Date  
AUGUST 15, 2013

Checked  
RWMM

Drawn  
ZMS

Project Number  
630PR2600  
Building Number  
1

Drawing Number  
1-PL603

Office of  
Construction &  
Facilities  
Management

**VA** U.S. Department  
of Veterans Affairs



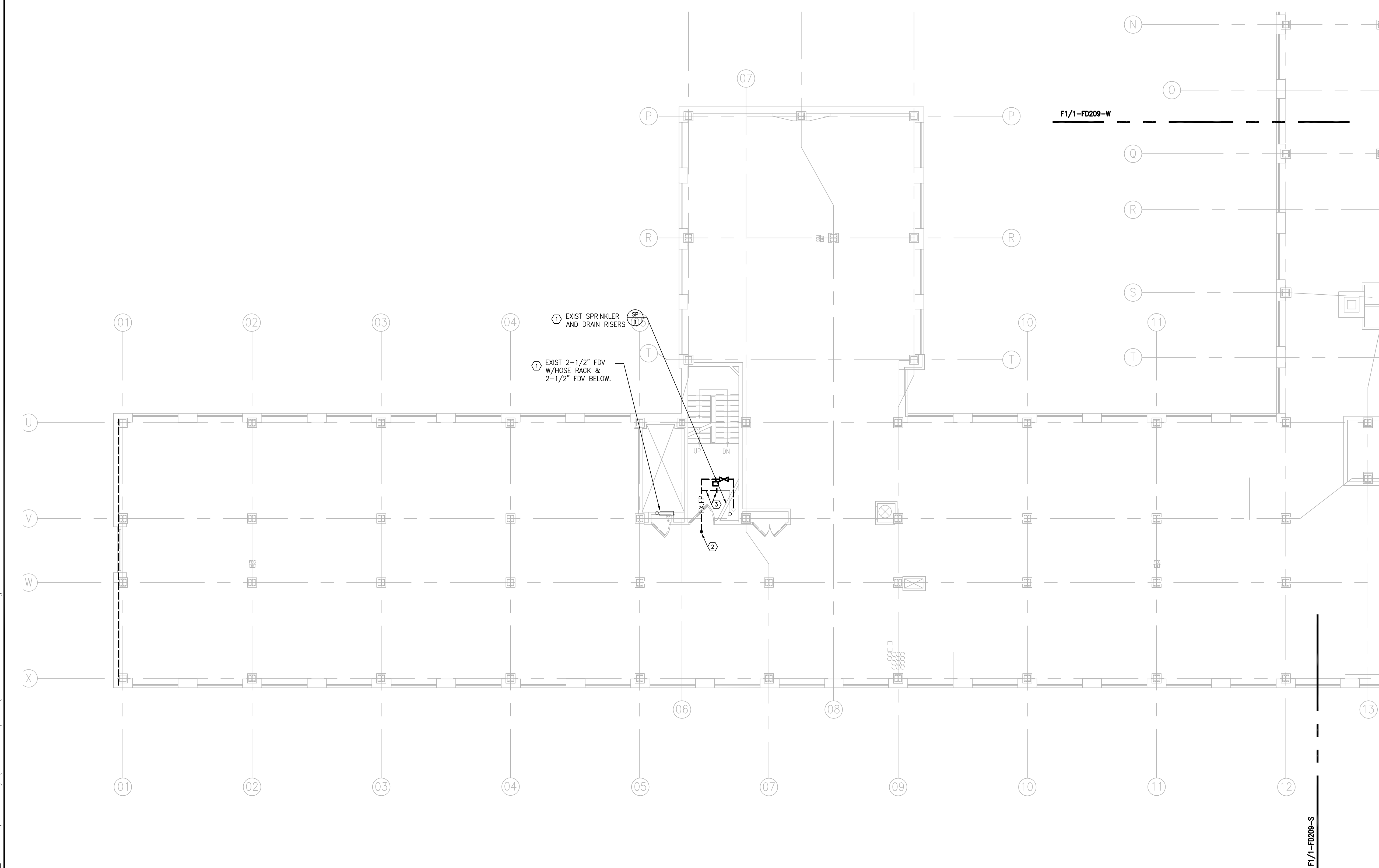




A  
B  
C  
D  
E  
F

1 2 3 4 5 6 7 8 9

three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



**F1** FIRE PROTECTION DEMOLITION PLAN 9TH FLOOR - SOUTH  
SCALE: 1/8" = 1'-0"

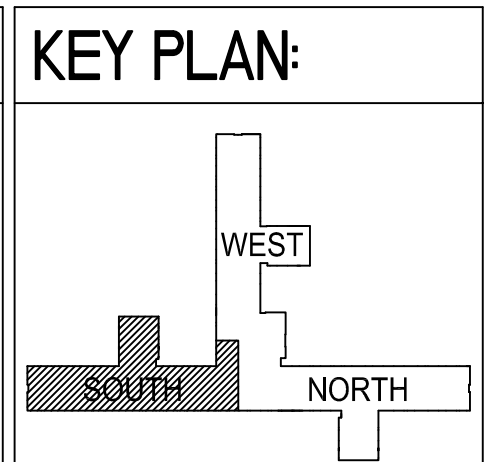


**SPECIFIC  
DEMOLITION NOTES**

- ① EXISTING TO REMAIN.
- ② DISCONNECT AND REMOVE EXISTING SPRINKLER PIPING BACK TO RISER AND CAP.
- ③ DISCONNECT AND REMOVE EXISTING DRAIN PIPING BACK TO POINT INDICATED. PREPARE PIPING FOR NEW CONNECTION.

Revisions	Date
ISSUED FOR CONSTRUCTION	08/15/2013

**CONSULTANTS:**  
  
ASBESTOS ABATEMENT CONSULTANT:  
**Egan Environmental Consulting, Inc.**  
14 HIGH STREET  
MAHWAH, NEW JERSEY 07430  
Tel: (201) 848-7790 Fax: (201) 848-7791



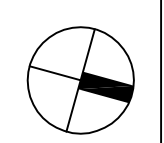
**ARCHITECT/ENGINEERS:**  
  
**CANNONDESIGN**  
360 Madison Avenue, New York, New York 10017 212.872.9800  
Baltimore • Boston • Buffalo • Calgary • Chicago  
Houston • Los Angeles • Mumbai • New York • Phoenix  
St. Louis • San Francisco • Shanghai • Toronto  
Vancouver • Victoria • Washington DC

**Drawing Title**  
FIRE PROTECTION DEMOLITION PLAN  
9TH FLOOR - SOUTH  
  
**Approved Project Director**

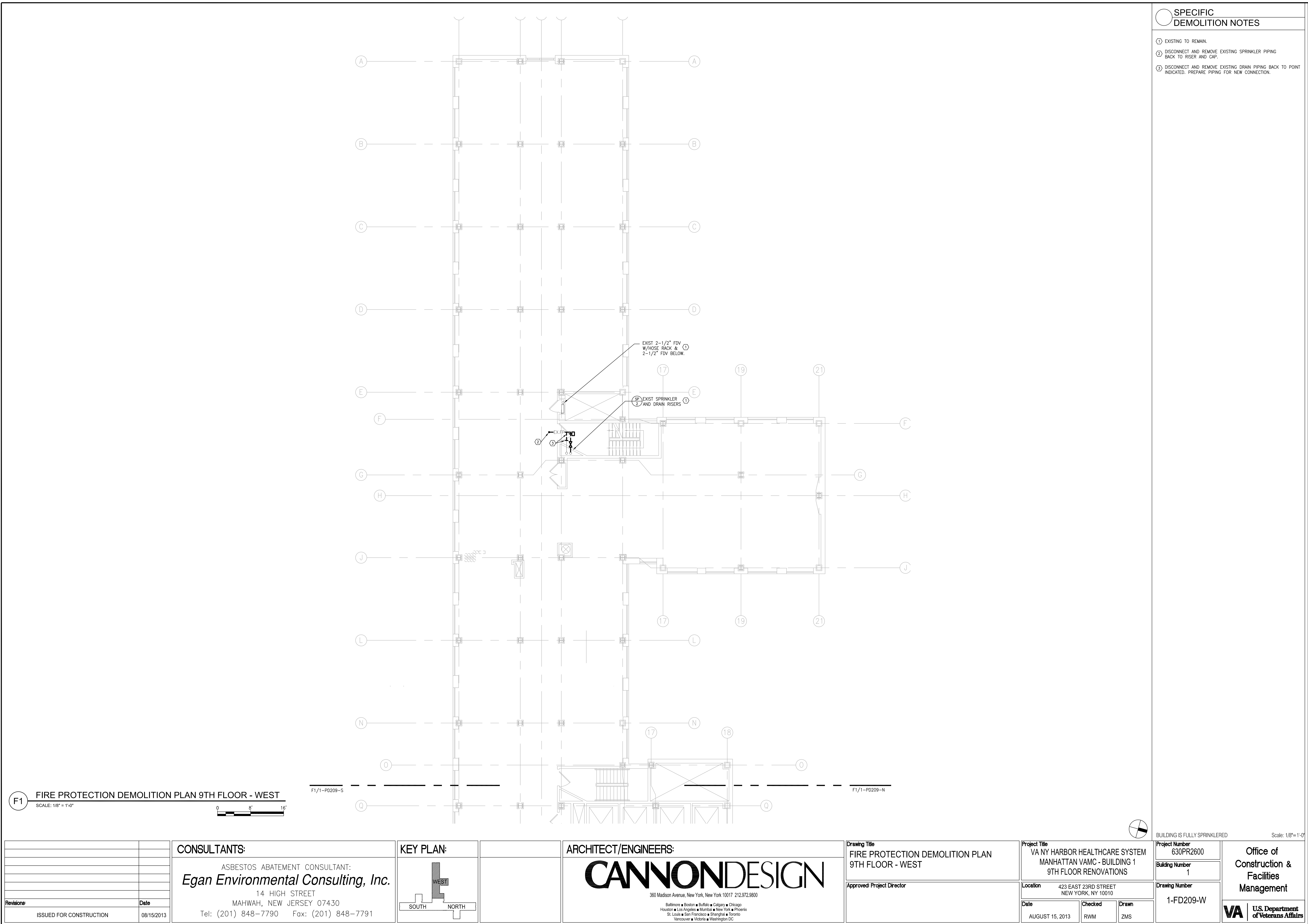
**Project Title**  
VA NY HARBOR HEALTHCARE SYSTEM  
MANHATTAN VAMC - BUILDING 1  
9TH FLOOR RENOVATIONS  
  
**Location** 423 EAST 23RD STREET  
NEW YORK, NY 10010  
  
**Date** AUGUST 15, 2013  
**Checked** RWM  
**Drawn** ZMS

**Project Number**  
630PR2600  
  
**Building Number**  
1  
  
**Drawing Number**  
1-FD209-S

**Office of  
Construction &  
Facilities  
Management**  
  
**VA U.S. Department  
of Veterans Affairs**



BUILDING IS FULLY SPRINKLERED Scale: 1/8"=1'-0"

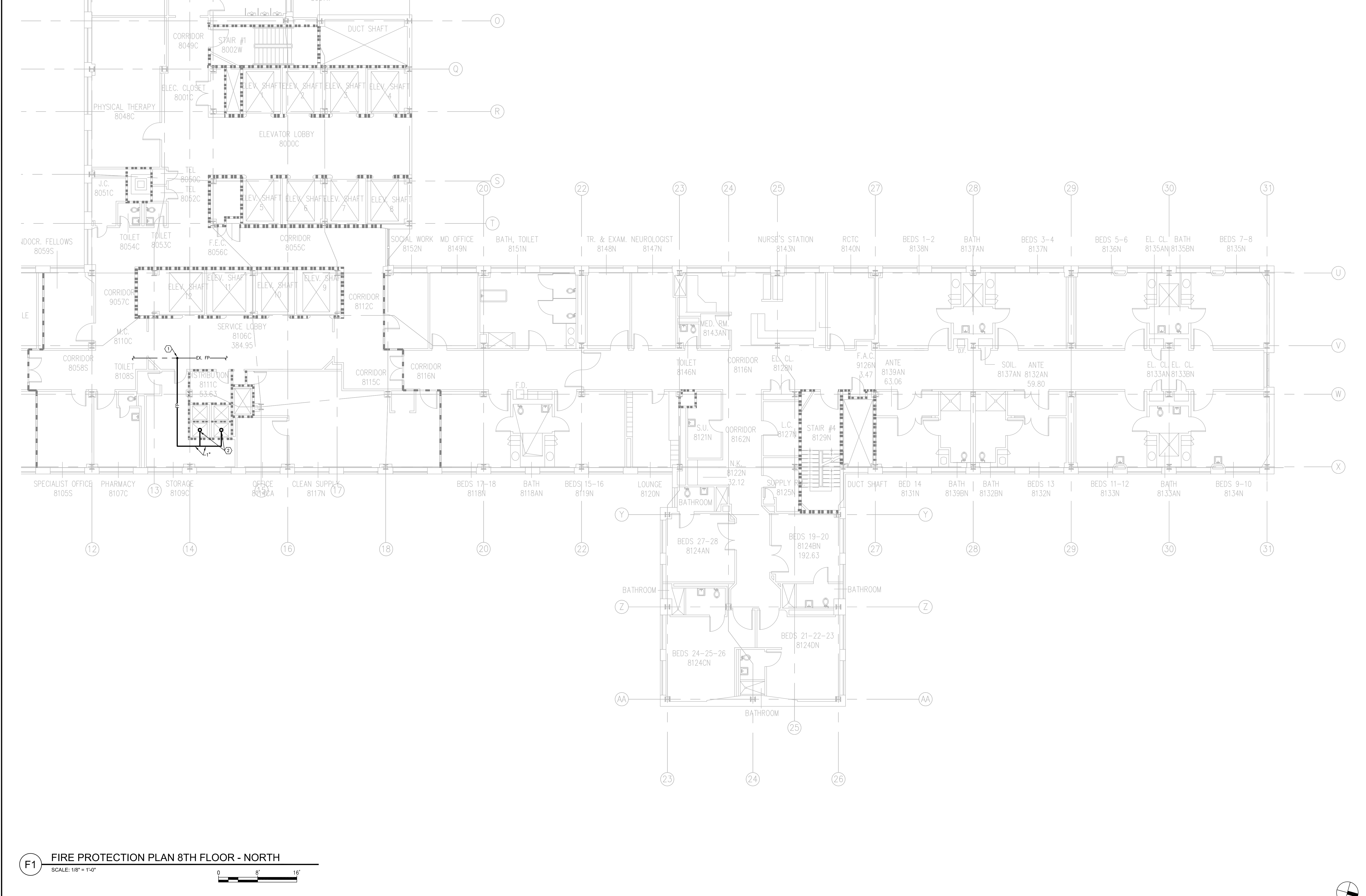


- ① EXISTING TO REMAIN.
- ② DISCONNECT AND REMOVE EXISTING SPRINKLER PIPING BACK TO RISER AND CAP.
- ③ DISCONNECT AND REMOVE EXISTING DRAIN PIPING BACK TO POINT INDICATED. PREPARE PIPING FOR NEW CONNECTION.

F1/1-PD209-S

F1/1-PD209-N




[illegible]



PARTITION FIRE RATING LEGEND			SPECIFIC NOTES
<div><div><div>■ ■ ■ ■ ■ ■ ■ ■ ■ ■</div>1 HOUR FIRE</div><div><div>■ ■ ■ ■ ■ ■ ■ ■ ■ ■</div>SMOKE BARRIER (1 HOUR FIRE)</div><div><div>■ ■ ■ ■ ■ ■ ■ ■ ■ ■</div>2 HOUR FIRE BARRIER</div></div>			<div><div>① CONNECT NEW FP TO EXISTING.</div><div>② LOCATE SPRINKLER HEAD AT TOP OF DUMBWATER SHAFT.</div></div>
<div><div><div><div><div>BEDS 7-8 8135N</div><div>BEDS 9-10 8134N</div></div><div><div>U</div><div>V</div><div>W</div><div>X</div></div><div><div>31</div><div>31</div></div></div></div></div>			
<div><div><div><div><div>Project Title</div><div>VA NY HARBOR HEALTHCARE SYSTEM MANHATTAN VAMC - BUILDING 1 9TH FLOOR RENOVATIONS</div></div><div><div>Location</div><div>423 EAST 23RD STREET NEW YORK, NY 10010</div></div><div><div>Date</div><div>AUGUST 15, 2013</div></div><div><div>Checked</div><div>RWM</div></div><div><div>Drawn</div><div>ZMS</div></div></div></div></div>			<div><div><div><div>BUILDING IS FULLY SPRINKLERED</div><div>Scale: 1/8"=1'-0"</div></div><div><div>Project Number</div><div>630PR2600</div></div><div><div>Building Number</div><div>1</div></div><div><div>Drawing Number</div><div>1-FX108-N</div></div><div><div>Office of Construction &amp; Facilities Management</div><div><div>VA</div><div>U.S. Department of Veterans Affairs</div></div></div></div></div>

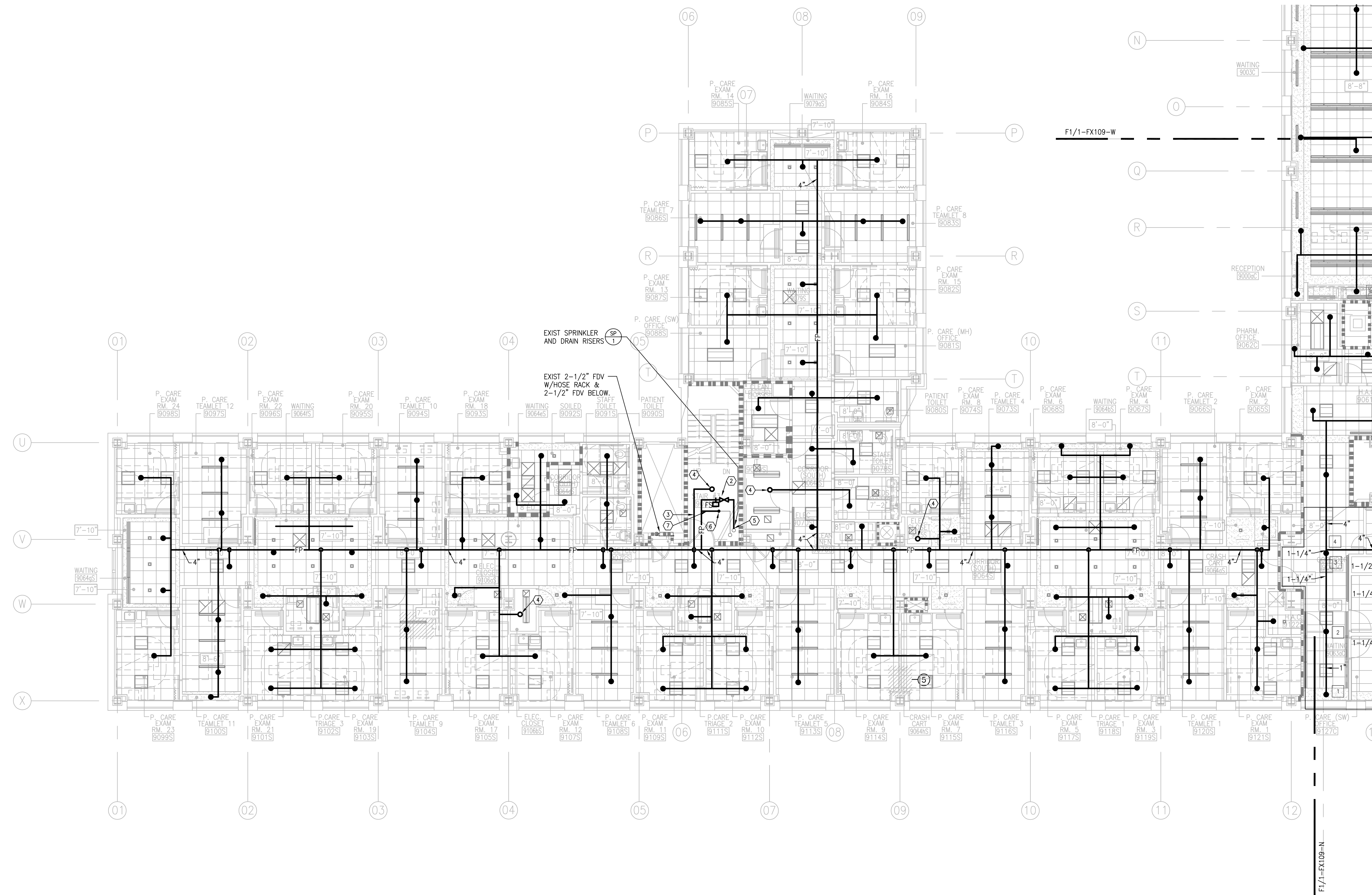




 1 HOUR FIRE BARRIER  
 SMOKE BARRIER (1 HOUR FIRE)  
 2 HOUR FIRE BARRIER

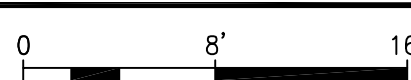
☐ SPECIFIC  
NOTES

- (1) CONNECT NEW FP PIPING TO EXISTING AS SHOWN.
- (2) NEW FIRE SPRINKLER ZONE CONTROL VALVE AND FLOW SWITCH.
- (3) PAINT ALL NEW AND EXISTING FP PIPING "RED" IN STAIRWELL.
- (4) PROVIDE CAGE GUARD ON UPRIGHT SPRINKLER HEAD.
- (5) CONNECT NEW FP PIPING TO EXISTING RISER.
- (6) CONNECT NEW FP PIPING TO EXISTING DRAIN PIPING.
- (7) 2" TEST AND DRAIN VALVE.



**F1 FIRE PROTECTION PLAN 9TH FLOOR - SOUTH**

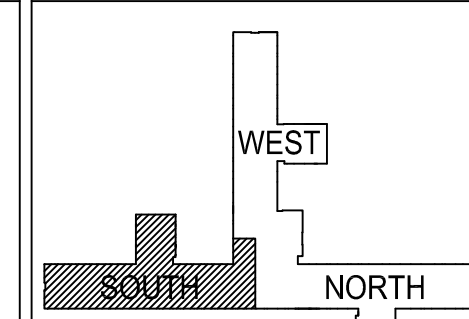
SCALE: 1/8" = 1'-0"

[illegible]

## CONSULTANTS:

ASBESTOS ABATEMENT CONSULTANT:  
***Egan Environmental Consulting, Inc.***  
14 HIGH STREET  
MAHWAH, NEW JERSEY 07430  
Tel: (201) 848-7790 Fax: (201) 848-7791

**KEY PLAN:**



## ARCHITECT/ENGINEERS:

# CANNONDESIGN

360 Madison Avenue, New York, New York 10017 212.972.9800

Baltimore ■ Boston ■ Buffalo ■ Calgary ■ Chicago  
Houston ■ Los Angeles ■ Mumbai ■ New York ■ Phoenix  
St. Louis ■ San Francisco ■ Shanghai ■ Toronto  
Vancouver ■ Victoria ■ Washington DC

Drawing Title	FIRE PROTECTION PLAN 9TH FLOOR - SOUTH
---------------	---

Approved: Project Director

Project Title	VA NY HARBOR HEALTHCARE SYSTEM MANHATTAN VAMC - BUILDING 1 9TH FLOOR RENOVATIONS
---------------	--

Location	423 EAST 23RD STREET NEW YORK, NY 10010
----------	--

Date  
AUGUST 15, 2013

Checked
RWM

Drawn	
7MS	

Project Number	630PR2600
----------------	-----------

Building Number  
1

	Drawing Number

1-FX109-S

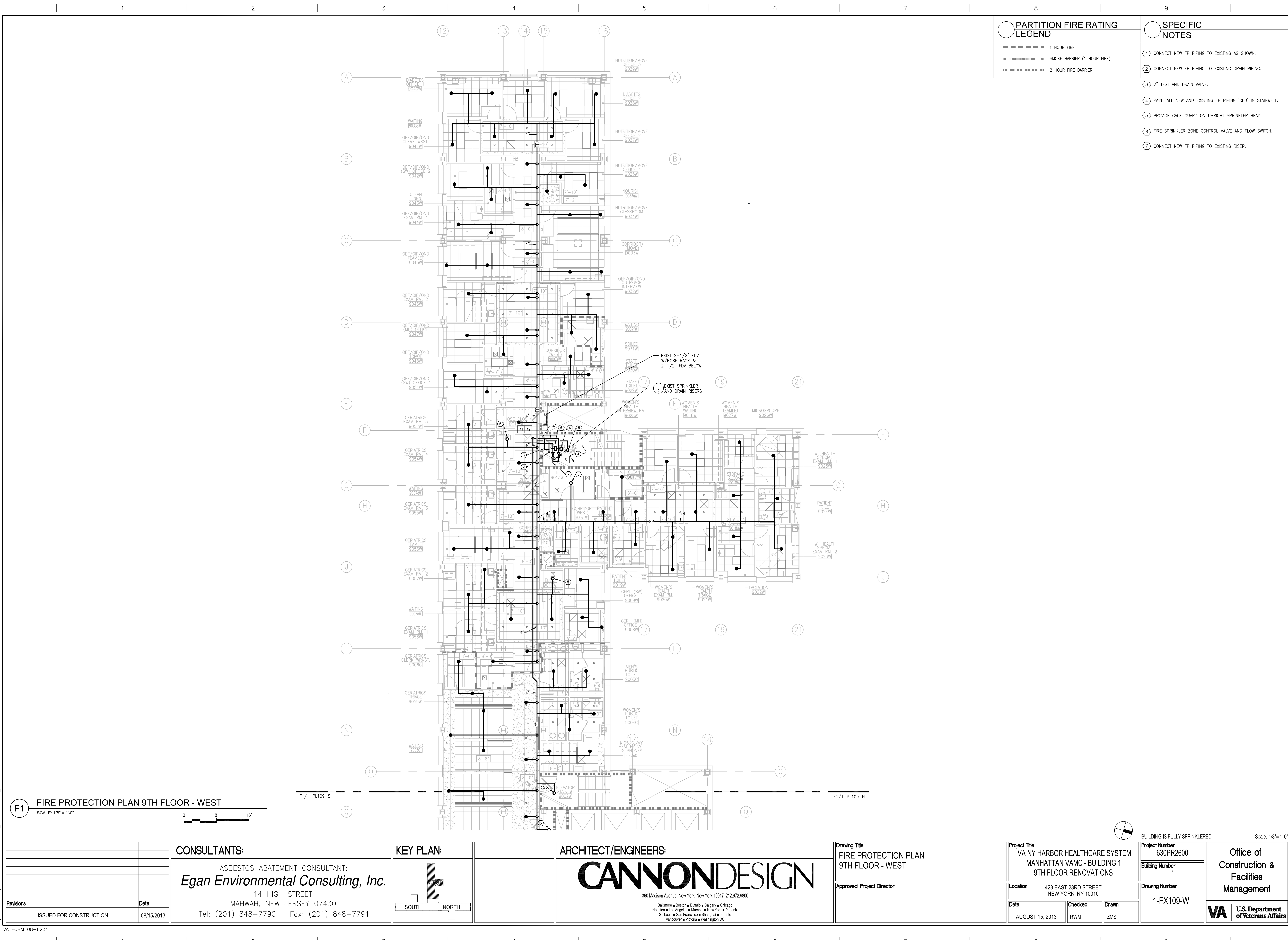
Office of  
Construction &  
Facilities  
Management



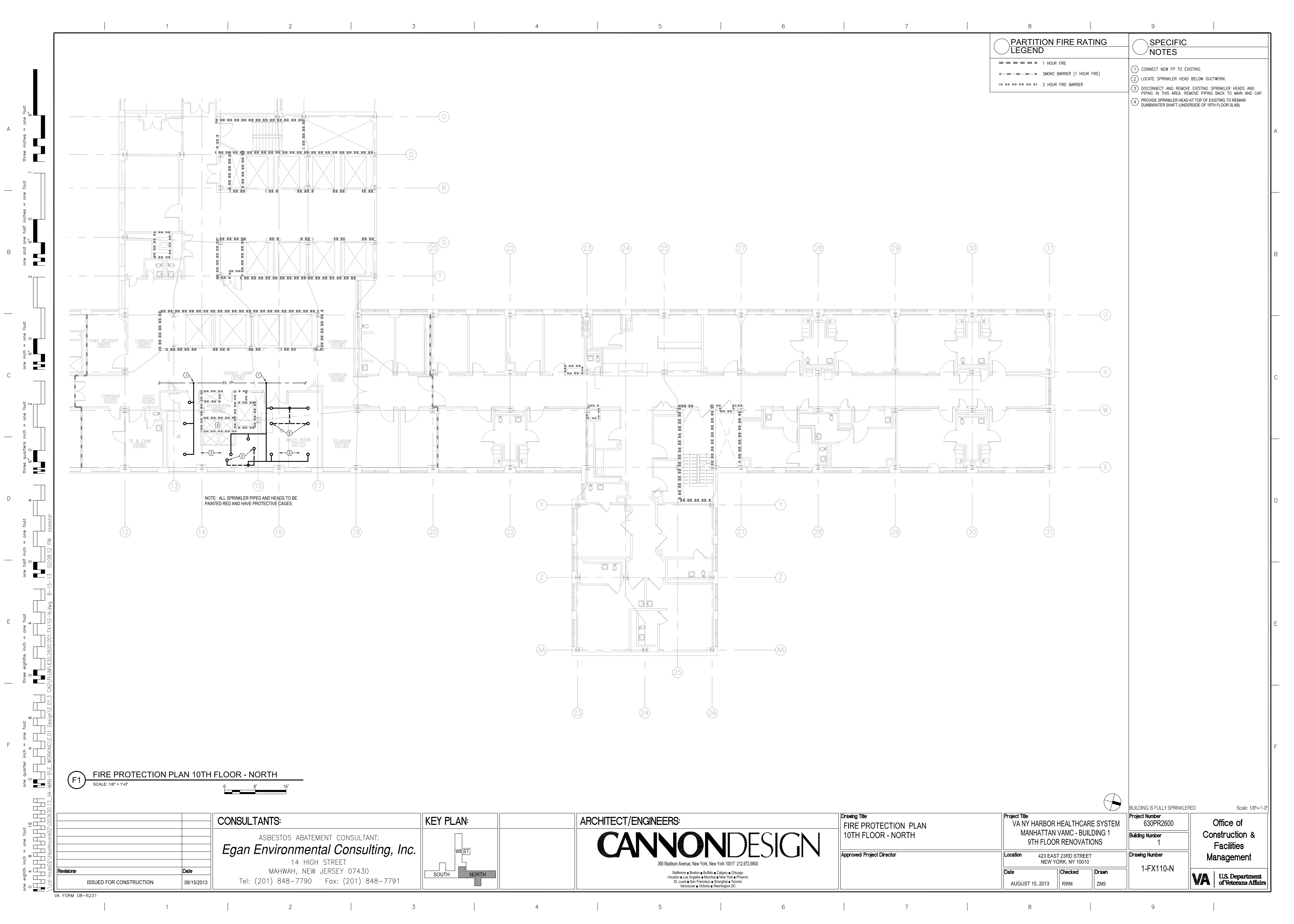
BUILDING IS FULLY SPRINKLERED

Scale: 1/8"=1'-0'









PARTITION FIRE RATING LEGEND	
	1 HOUR FIRE
	SMOKE BARRIER (1 HOUR FIRE)
	2 HOUR FIRE BARRIER

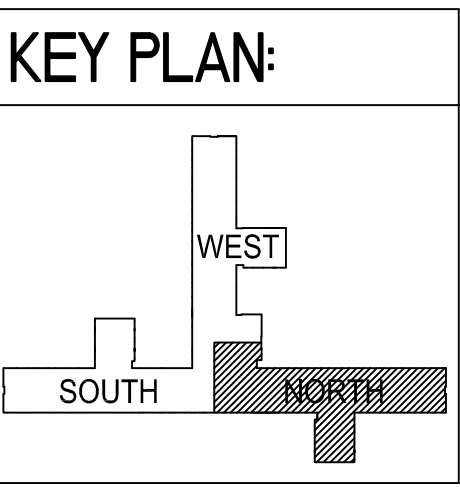
- | SPECIFIC NOTES |   |
|----------------|---|
| ①              | CONNECT NEW FP TO EXISTING.   |
| ②              | LOCATE SPRINKLER HEAD BELOW DUCTWORK.   |
| ③              | DISCONNECT AND REMOVE EXISTING SPRINKLER HEADS AND PIPING IN THIS AREA. REMOVE PIPING BACK TO MAIN AND CAP. |
| ④              | PROVIDE SPRINKLER HEAD AT TOP OF EXISTING TO REMAIN DUMPWATER SHAFT (UNDERSIDE OF 19TH FLOOR SLAB)          |

NOTE: ALL SPRINKLER PIPES AND HEADS TO BE PAINTED RED AND HAVE PROTECTIVE CAGES

F1 FIRE PROTECTION PLAN 10TH FLOOR - NORTH  
SCALE: 1/8" = 1'-0"

Revisions	
ISSUED FOR CONSTRUCTION	08/15/2013

CONSULTANTS:  
ASBESTOS ABATEMENT CONSULTANT:  
**Egan Environmental Consulting, Inc.**  
14 HIGH STREET  
MAHWAH, NEW JERSEY 07430  
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ARCHITECT/ENGINEERS:  
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Vancouver • Victoria • Washington DC

Drawing Title  
FIRE PROTECTION PLAN  
10TH FLOOR - NORTH  
Approved Project Director

Project Title  
VA NY HARBOR HEALTHCARE SYSTEM  
MANHATTAN VAMC - BUILDING 1  
9TH FLOOR RENOVATIONS  
Location  
423 EAST 23RD STREET  
NEW YORK, NY 10010  
Date  
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Building Number  
630PR2600  
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Office of  
Construction &  
Facilities  
Management  
VA U.S. Department  
of Veterans Affairs

